

# STN Columbus

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JUN 06	EPFULL enhanced with 260,000 English abstracts
NEWS	3	JUN 06	KOREAPAT updated with 41,000 documents
NEWS	4	JUN 13	USPATFULL and USPAT2 updated with 11-character patent numbers for U.S. applications
NEWS	5	JUN 19	CAS REGISTRY includes selected substances from web-based collections
NEWS	6	JUN 25	CA/CAPLUS and USPAT databases updated with IPC reclassification data
NEWS	7	JUN 30	AEROSPACE enhanced with more than 1 million U.S. patent records
NEWS	8	JUN 30	EMBASE, EMBAL, and LEMBASE updated with additional options to display authors and affiliated organizations
NEWS	9	JUN 30	STN on the Web enhanced with new STN AnaVist Assistant and BLAST plug-in
NEWS	10	JUN 30	STN AnaVist enhanced with database content from EPFULL
NEWS	11	JUL 28	CA/CAPLUS patent coverage enhanced
NEWS	12	JUL 28	EPFULL enhanced with additional legal status information from the epline Register
NEWS	13	JUL 28	IFICDB, IFIPAT, and IFIUDB reloaded with enhancements
NEWS	14	JUL 28	STN Viewer performance improved
NEWS	15	AUG 01	INPADOCDB and INPAFAMDB coverage enhanced
NEWS	16	AUG 13	CA/CAPLUS enhanced with printed Chemical Abstracts page images from 1967-1998
NEWS	17	AUG 15	CAOLD to be discontinued on December 31, 2008
NEWS	18	AUG 15	CAPLUS currency for Korean patents enhanced
NEWS	19	AUG 27	CAS definition of basic patents expanded to ensure comprehensive access to substance and sequence information
NEWS	20	SEP 18	Support for STN Express, Versions 6.01 and earlier, to be discontinued
NEWS	21	SEP 25	CA/CAPLUS current-awareness alert options enhanced to accommodate supplemental CAS indexing of exemplified prophetic substances
NEWS	22	SEP 26	WPIDS, WPINDEX, and WPIX coverage of Chinese and Korean patents enhanced
NEWS	23	SEP 29	IFICLS enhanced with new super search field
NEWS	24	SEP 29	EMBASE and EMBAL enhanced with new search and display fields
NEWS	25	SEP 30	CAS patent coverage enhanced to include exemplified prophetic substances identified in new Japanese-language patents
NEWS	26	OCT 07	EPFULL enhanced with full implementation of EPC2000
NEWS	27	OCT 07	Multiple databases enhanced for more flexible patent number searching
NEWS EXPRESS	JUNE 27 08	CURRENT WINDOWS VERSION IS V8.3,	
		AND CURRENT DISCOVER FILE IS DATED 23 JUNE 2008.	
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		
NEWS IPC8	For general information regarding STN implementation of IPC 8		

Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 15:30:52 ON 20 OCT 2008

=> file medline	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'MEDLINE' ENTERED AT 15:31:22 ON 20 OCT 2008

FILE LAST UPDATED: 18 Oct 2008 (20081018/UP). FILE COVERS 1949 TO DATE.

MEDLINE has been updated with the National Library of Medicine's revised 2008 MeSH terms. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

MEDLINE Accession Numbers (ANs) for records from 1950-1977 have been converted from 8 to 10 digits. Searches using an 8 or 10 digit AN will retrieve the same record. The 10-digit ANs can be expanded, searched, and displayed in all records from 1949 to the present.

=> s (probiotic microorganism or bifidobacter?)

2790 PROBIOTIC  
7537 MICROORGANISM  
9 PROBIOTIC MICROORGANISM  
(PROBIOTIC(W)MICROORGANISM)  
3304 BIFIDOBACTER?  
3312 (PROBIOTIC MICROORGANISM OR BIFIDOBACTER?)

L1

=> s (maize or rice or wheat or legume or banana or potato)(l)(amylose starch or starch)

11500 MAIZE  
16118 RICE  
26276 WHEAT  
2668 LEGUME  
1433 BANANA  
8757 POTATO  
2201 AMYLOSE  
22373 STARCH  
73 AMYLOSE STARCH  
(AMYLOSE(W)STARCH)

22373 STARCH

L2 2786 (MAIZE OR RICE OR WHEAT OR LEGUME OR BANANA OR POTATO) (L) (AMYLOSE STARCH OR STARCH)

=> s l1 and l2

L3 18 L1 AND L2

=> d 1-18

L3 ANSWER 1 OF 18 MEDLINE on STN

Full Text

AN 2008329903 MEDLINE  
DN PubMed ID: 18493205  
TI Molecular studies of fecal anaerobic commensal bacteria in acute diarrhea in children.  
AU Balamurugan Ramadass; Janardhan Harish P; George Sarah; Raghava M Venkata; Muliylil Jayaprakash; Ramakrishna Balakrishnan S  
CS Department of Gastrointestinal Sciences, Christian Medical College, Vellore 632004, India.  
NC (United Kingdom Wellcome Trust)  
SO Journal of pediatric gastroenterology and nutrition, (2008 May) Vol. 46, No. 5, pp. 514-9.  
Journal code: 8211545. E-ISSN: 1536-4801.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals

EM 200808  
ED Entered STN: 22 May 2008  
Last Updated on STN: 3 Aug 2008  
Entered Medline: 1 Aug 2008

L3 ANSWER 2 OF 18 MEDLINE on STN

Full Text

AN 2008244862 MEDLINE  
DN PubMed ID: 18235187  
TI Feeding potato flakes affects cecal short-chain fatty acids, microflora and fecal bile acids in rats.  
AU Han Kyu-Ho; Hayashi Naoto; Hashimoto Naoto; Shimada Ken-ichiro; Sekikawa Mitsuo; Noda Takahiro; Fukushima Michihiro  
CS Department of Agriculture and Life Science, Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan.  
SO Annals of nutrition & metabolism, (2008) Vol. 52, No. 1, pp. 1-7.  
Electronic Publication: 2008-01-30.  
Journal code: 8105511. E-ISSN: 1421-9697.  
CY Switzerland  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200806  
ED Entered STN: 15 Apr 2008  
Last Updated on STN: 13 Jun 2008  
Entered Medline: 12 Jun 2008

L3 ANSWER 3 OF 18 MEDLINE on STN

Full Text

AN 2007243496 MEDLINE  
DN PubMed ID: 17451516  
TI Effect of starch- and lipid-based encapsulation on the culturability of two *Bifidobacterium* longum strains.  
AU Lahtinen S J; Ouwehand A C; Salminen S J; Forsell P; Myllarinen P  
CS Department of Biochemistry and Food Chemistry, Functional Foods Forum, University of Turku, Turku, Finland.. [sajola@utu.fi](mailto:sajola@utu.fi)  
SO Letters in applied microbiology, (2007 May) Vol. 44, No. 5, pp. 500-5.  
Journal code: 8510094. ISSN: 0266-8254.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200712  
ED Entered STN: 25 Apr 2007  
Last Updated on STN: 21 Dec 2007  
Entered Medline: 20 Dec 2007

L3 ANSWER 4 OF 18 MEDLINE on STN

Full Text

AN 2007099571 MEDLINE  
DN PubMed ID: 17298367  
TI Selective colonization of insoluble substrates by human faecal bacteria.  
AU Leitch E Carol McWilliam; Walker Alan W; Duncan Sylvia H; Holtrop Grietje; Flint Harry J  
CS Microbial Ecology Group, Aberdeen, UK.  
SO Environmental microbiology, (2007 Mar) Vol. 9, No. 3, pp. 667-79.  
Journal code: 100883692. ISSN: 1462-2912.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
OS GENBANK-AM237842; GENBANK-AM237843; GENBANK-AM237844; GENBANK-AM237845;  
GENBANK-AM237846; GENBANK-AM237847; GENBANK-AM237848; GENBANK-AM237849  
EM 200704  
ED Entered STN: 15 Feb 2007  
Last Updated on STN: 4 Apr 2007  
Entered Medline: 3 Apr 2007

L3 ANSWER 5 OF 18 MEDLINE on STN

Full Text  
 AN 2007021701 MEDLINE  
 DN PubMed ID: 17217569  
 TI Two high-amylose **maize** starches with different amounts of resistant **starch** vary in their effects on fermentation, tissue and digesta mass accretion, and bacterial populations in the large bowel of pigs.  
 AU Bird Anthony R; Vuaran Michelle; Brown Ian; Topping David L  
 CS CSIRO Health Sciences and Nutrition, Adelaide, SA, Australia..  
[tony.bird@csiro.au](mailto:tony.bird@csiro.au)  
 SO The British journal of nutrition, (2007 Jan) Vol. 97, No. 1, pp. 134-44.  
 Journal code: 0372547. ISSN: 0007-1145.  
 CY England: United Kingdom  
 DT (COMPARATIVE STUDY)  
 Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 200702  
 ED Entered STN: 13 Jan 2007  
 Last Updated on STN: 27 Feb 2007  
 Entered Medline: 22 Feb 2007

L3 ANSWER 6 OF 18 MEDLINE on STN  
Full Text  
 AN 2006461424 MEDLINE  
 DN PubMed ID: 16885278  
 TI Screening for and identification of starch-, amylopectin-, and pullulan-degrading activities in **bifidobacterial** strains.  
 AU Ryan Sinead M; Fitzgerald Gerald F; van Sinderen Douwe  
 CS Alimentary Pharmabiotic Centre, Bioscience Institute, National University of Ireland, Cork, Western Road, Cork, Ireland.  
 SO Applied and environmental microbiology, (2006 Aug) Vol. 72, No. 8, pp. 5289-96.  
 Journal code: 7605801. ISSN: 0099-2240.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 OS GENBANK-DQ022105; GENBANK-DQ341116; GENBANK-DQ341117; GENBANK-DQ341118;  
 GENBANK-DQ341119; GENBANK-DQ341120; GENBANK-DQ341121  
 EM 200610  
 ED Entered STN: 4 Aug 2006  
 Last Updated on STN: 6 Oct 2006  
 Entered Medline: 5 Oct 2006

L3 ANSWER 7 OF 18 MEDLINE on STN  
Full Text  
 AN 2005232838 MEDLINE  
 DN PubMed ID: 15867271  
 TI A synbiotic combination of resistant starch and **Bifidobacterium lactis** facilitates apoptotic deletion of carcinogen-damaged cells in rat colon.  
 AU Le Leu Richard K; Brown Ian L; Hu Ying; Bird Anthony R; Jackson Michelle; Esterman Adrian; Young Graeme P  
 CS Department of Medicine, Flinders University of South Australia, Bedford Park, South Australia 5042.. [richard.leleu@flinders.edu.au](mailto:richard.leleu@flinders.edu.au)  
 SO The Journal of nutrition, (2005 May) Vol. 135, No. 5, pp. 996-1001.  
 Journal code: 0404243. ISSN: 0022-3166.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS Priority Journals  
 EM 200507  
 ED Entered STN: 4 May 2005  
 Last Updated on STN: 7 Jul 2005  
 Entered Medline: 6 Jul 2005

L3 ANSWER 8 OF 18 MEDLINE on STN  
Full Text  
 AN 2003493909 MEDLINE  
 DN PubMed ID: 14570725  
 TI Dietary fructo-oligosaccharides and lactulose inhibit intestinal

colonisation but stimulate translocation of salmonella in rats.  
AU Bovee-Oudenhoven I M J; ten Bruggencate S J M; Lettink-Wissink M L G; van der Meer R  
CS Wageningen Centre for Food Sciences, Ede, The Netherlands..  
[Ingeborg.Bovee@nizo.nl](mailto:Ingeborg.Bovee@nizo.nl)  
SO Gut, (2003 Nov) Vol. 52, No. 11, pp. 1572-8.  
Journal code: 2985108R. ISSN: 0017-5749.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Abridged Index Medicus Journals; Priority Journals  
EM 200401  
ED Entered STN: 23 Oct 2003  
Last Updated on STN: 14 Jan 2004  
Entered Medline: 13 Jan 2004

L3 ANSWER 9 OF 18 MEDLINE on STN  
[Full Text](#)  
AN 2002489942 MEDLINE  
DN PubMed ID: 12350081  
TI Effects of **rice starch**-isoflavone diet or **potato starch**-isoflavone diet on plasma isoflavone, plasma lipids, cecal enzyme activity, and composition of fecal microflora in adult mice.  
AU Tamura Motoi; Hirayama Kazuhiro; Itoh Kikuji; Suzuki Hiramitsu; Shinohara Kazuki  
CS National Food Research Institute, Tsukuba, Japan.  
SO Journal of nutritional science and vitaminology, (2002 Jun) Vol. 48, No. 3, pp. 225-9.  
Journal code: 0402640. ISSN: 0301-4800.  
CY Japan  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200304  
ED Entered STN: 28 Sep 2002  
Last Updated on STN: 4 Apr 2003  
Entered Medline: 3 Apr 2003

L3 ANSWER 10 OF 18 MEDLINE on STN  
[Full Text](#)  
AN 2002462846 MEDLINE  
DN PubMed ID: 12174036  
TI Manipulation of colonic bacteria and volatile fatty acid production by dietary high amylose **maize** (amylomaize) **starch** granules.  
AU Wang X; Brown I L; Khaled D; Mahoney M C; Evans A J; Conway P L  
CS CRC Food Industry Innovation, School of Medicine, The University of Queensland, Mater Adult Hospital, South Bank, Australia..  
[x.l.p.wang@mailbox.uq.edu.au](mailto:x.l.p.wang@mailbox.uq.edu.au)  
SO Journal of applied microbiology, (2002) Vol. 93, No. 3, pp. 390-7.  
Journal code: 9706280. ISSN: 1364-5072.  
CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(LA English  
FS Priority Journals  
EM 200210  
ED Entered STN: 12 Sep 2002  
Last Updated on STN: 19 Oct 2002  
Entered Medline: 18 Oct 2002

L3 ANSWER 11 OF 18 MEDLINE on STN  
[Full Text](#)  
AN 2002235555 MEDLINE  
DN PubMed ID: 11972702  
TI Metabolism by **bifidobacteria** and lactic acid bacteria of polysaccharides from wheat and rye, and exopolysaccharides produced by *Lactobacillus sanfranciscensis*.  
AU Korakli M; Ganzle M G; Vogel R F  
CS Technische Universität München, Lehrstuhl für Technische Mikrobiologie, Freising, Germany.  
SO Journal of applied microbiology, (2002) Vol. 92, No. 5, pp. 958-65.  
Journal code: 9706280. ISSN: 1364-5072.

CY England: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200207  
ED Entered STN: 26 Apr 2002  
Last Updated on STN: 19 Jul 2002  
Entered Medline: 18 Jul 2002

L3 ANSWER 12 OF 18 MEDLINE on STN

Full Text

AN 2001424910 MEDLINE  
DN PubMed ID: 11472921  
TI Adhesion of **bifidobacteria** to granular starch and its implications in  
probiotic technologies.  
AU Crittenden R; Laitila A; Forssell P; Matto J; Saarela M; Mattila-Sandholm  
T; Myllarinen P  
CS VTT Biotechnology, FIN-02044 VTT Espoo, Finland.. [crittenden@visto.com](mailto:crittenden@visto.com)  
SO Applied and environmental microbiology, (2001 Aug) Vol. 67, No. 8, pp.  
3469-75.  
Journal code: 7605801. ISSN: 0099-2240.

CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200110  
ED Entered STN: 29 Oct 2001  
Last Updated on STN: 29 Oct 2001  
Entered Medline: 25 Oct 2001

L3 ANSWER 13 OF 18 MEDLINE on STN

Full Text

AN 2001408382 MEDLINE  
DN PubMed ID: 11139021  
TI Encapsulation of probiotic bacteria with alginate-starch and evaluation of  
survival in simulated gastrointestinal conditions and in yoghurt.  
AU Sultana K; Godward G; Reynolds N; Arumugaswamy R; Peiris P; Kailasapathy K  
CS Centre for Advanced Food Research, University of Western Sydney, Richmond,  
NSW, Australia.  
SO International journal of food microbiology, (2000 Dec 5) Vol. 62, No. 1-2,  
pp. 47-55.

Journal code: 8412849. ISSN: 0168-1605.  
CY Netherlands  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200107

ED Entered STN: 23 Jul 2001  
Last Updated on STN: 23 Jul 2001  
Entered Medline: 19 Jul 2001

L3 ANSWER 14 OF 18 MEDLINE on STN

Full Text

AN 2000063479 MEDLINE  
DN PubMed ID: 10594702  
TI The protective effects of high amylose **maize** (amylomaize) starch  
granules on the survival of **Bifidobacterium** spp. in the mouse intestinal  
tract.

AU Wang X; Brown I L; Evans A J; Conway P L  
CS CRC for Food Industry Innovation, Food Science Australia, Melbourne  
Laboratory, Hightett, VIC.. [xin.wang@tag.cairo.au](mailto:xin.wang@tag.cairo.au)  
SO Journal of applied microbiology, (1999 Nov) Vol. 87, No. 5, pp. 631-9.  
Journal code: 9706280. ISSN: 1364-5072.  
CY ENGLAND: United Kingdom  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 200003

ED Entered STN: 27 Mar 2000  
Last Updated on STN: 27 Mar 2000  
Entered Medline: 14 Mar 2000

L3 ANSWER 15 OF 18 MEDLINE on STN  
Full Text  
AN 2000011221 MEDLINE  
DN PubMed ID: 10543795  
TI In vitro utilization of amylopectin and high-amylose **maize** (Amylomaize) **starch** granules by human colonic bacteria.  
AU Wang X; Conway P L; Brown I L; Evans A J  
CS CRC for Food Industry Innovation at Food Science Australia, Highett, VIC 3190, Australia.. [Xin.Wang@tag.csiro.au](mailto:Xin.Wang@tag.csiro.au)  
SO Applied and environmental microbiology, (1999 Nov) Vol. 65, No. 11, pp. 4848-54.  
Journal code: 7605801. ISSN: 0099-2240.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
(RESEARCH SUPPORT, NON-U.S. GOV'T)  
LA English  
FS Priority Journals  
EM 199912  
ED Entered STN: 13 Jan 2000  
Last Updated on STN: 13 Jan 2000  
Entered Medline: 13 Dec 1999

L3 ANSWER 16 OF 18 MEDLINE on STN  
Full Text  
AN 1997447724 MEDLINE  
DN PubMed ID: 9303464  
TI Feeding resistant starch affects fecal and cecal microflora and short-chain fatty acids in rats.  
AU Kleessen B; Stoof G; Proll J; Schmiedl D; Noack J; Blaut M  
CS German Institute of Human Nutrition, Potsdam-Rehbrücke, Germany.  
SO Journal of animal science, (1997 Sep) Vol. 75, No. 9, pp. 2453-62.  
Journal code: 8003002. ISSN: 0021-8812.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 5 Nov 1997  
Last Updated on STN: 5 Nov 1997  
Entered Medline: 21 Oct 1997

L3 ANSWER 17 OF 18 MEDLINE on STN  
Full Text  
AN 1997426580 MEDLINE  
DN PubMed ID: 9278566  
TI Fecal numbers of **bifidobacteria** are higher in pigs fed **Bifidobacterium** longum with a high amylose cornstarch than with a low amylose cornstarch.  
AU Brown I; Warhurst M; Arcot J; Playne M; Illman R J; Topping D L  
CS Co-operative Research Centre for Food Industry Innovation, CSIRO (Australia) Division of Human Nutrition, Adelaide 5000, Australia.  
SO The Journal of nutrition, (1997 Sep) Vol. 127, No. 9, pp. 1822-7.  
Journal code: 0404243. ISSN: 0022-3166.  
CY United States  
DT (COMPARATIVE STUDY)  
Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199710  
ED Entered STN: 5 Nov 1997  
Last Updated on STN: 5 Nov 1997  
Entered Medline: 22 Oct 1997

L3 ANSWER 18 OF 18 MEDLINE on STN  
Full Text  
AN 1997153269 MEDLINE  
DN PubMed ID: 9000559  
TI Short-chain fructo-oligosaccharides reduce the occurrence of colon tumors and develop gut-associated lymphoid tissue in Min mice.

AU Pierre F; Perrin P; Champ M; Bornet F; Meflah K; Menanteau J  
 CS Institut National de la Sante et de la Recherche Medicale U 419, Human  
 Nutrition Research Center of Nantes, Institut de Biologie, France.  
 SO Cancer research, (1997 Jan 15) Vol. 57, No. 2, pp. 225-8.  
 Journal code: 2984705R. ISSN: 0008-5472.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 (RESEARCH SUPPORT, NON-U.S. GOV'T)  
 LA English  
 FS Priority Journals  
 EM 199702  
 ED Entered STN: 27 Feb 1997  
 Last Updated on STN: 27 Feb 1997  
 Entered Medline: 11 Feb 1997

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=> file ca
COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          6.18      6.39
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FILE 'CA' ENTERED AT 15:36:16 ON 20 OCT 2008  
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FILE COVERS 1907 - 16 Oct 2008 VOL 149 ISS 17  
 FILE LAST UPDATED: 16 Oct 2008 (20081016/ED)

CA now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2008.

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 15:30:52 ON 20 OCT 2008)

FILE 'MEDLINE' ENTERED AT 15:31:22 ON 20 OCT 2008

```
L1 3312 S (PROBIOTIC MICROORGANISM OR BIFIDOBACTER?)
L2 2786 S (MAIZE OR RICE OR WHEAT OR LEGUME OR BANANA OR POTATO) (L) (AMY
L3 18 S L1 AND L2
```

FILE 'CA' ENTERED AT 15:36:16 ON 20 OCT 2008

```
=> s (probiotic microorganism or bifidobacter?)/ab,bi
2747 PROBIOTIC/AB
26123 MICROORGANISM/AB
26 PROBIOTIC MICROORGANISM/AB
((PROBIOTIC(W)MICROORGANISM)/AB)
3724 PROBIOTIC/BI
103569 MICROORGANISM/BI
46 PROBIOTIC MICROORGANISM/BI
((PROBIOTIC(W)MICROORGANISM)/BI)
4279 BIFIDOBACTER?/AB
5808 BIFIDOBACTER?/BI
L4 5834 (PROBIOTIC MICROORGANISM OR BIFIDOBACTER?)/AB,BI
```



```
=> s (maize or rice or wheat or legume or banana or potato)(l)(amylose starch or starch)/ab,bi
    38552 MAIZE
    99253 RICE
    132939 WHEAT
    13813 LEGUME
    7846 BANANA
    61880 POTATO
    10917 AMYLOSE/AB
    146154 STARCH/AB
    403 AMYLOSE STARCH/AB
      ( (AMYLOSE(W)STARCH)/AB)
    13126 AMYLOSE/BI
    175911 STARCH/BI
    787 AMYLOSE STARCH/BI
      ( (AMYLOSE(W)STARCH)/BI)
    146154 STARCH/AB
    175911 STARCH/BI
L5    32216 (MAIZE OR RICE OR WHEAT OR LEGUME OR BANANA OR POTATO)(L)(AMYLOS
      E STARCH OR STARCH)/AB,BI
```

```
=> s l4 and l5
L6    51 L4 AND L5

=> d 1-51
```

L6 ANSWER 1 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 149:362290 CA  
 TI Composition comprising microbial fermentation product containing effective ingredients of chinese medicinal materials with skin caring and health promoting effects, and its preparation method  
 IN Cheng, Hengming; Song, Hongyan; Liu, Jianzhong  
 PA Peop. Rep. China  
 SO Faming Zhuanti Shenqing Gongkai Shuomingshu, 7pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101254163	A	20080903	CN 2007-10085913	20070227
PRAI	CN 2007-10085913		20070227		

L6 ANSWER 2 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 149:31460 CA  
 TI Feeding Potato Flakes Affects Cecal Short-Chain Fatty Acids, Microflora and Fecal Bile Acids in Rats  
 AU Han, Kyu-Ho; Hayashi, Naoto; Hashimoto, Naoto; Shimada, Ken-ichiro; Sekikawa, Mitsuo; Noda, Takahiro; Fukushima, Michihiro  
 CS Department of Agriculture and Life Science, Obihiro University of Agriculture and Veterinary Medicine, Obihiro, Japan  
 SO Annals of Nutrition & Metabolism (2008), 52(1), 1-7  
 CODEN: ANUMDS; ISSN: 0250-6807  
 PB S. Karger AG  
 DT Journal  
 LA English  
 RE.CNT 35 THERE ARE 35 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 3 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 149:7766 CA  
 TI Method for preparing xylooligosaccharide from wheat bran by press-assisted enzymolysis  
 IN Chen, Zhenghang; Zhang, Haibo; Shen, Guoqiang; Yang, Chunxia  
 PA Southern Yangtze University, Peop. Rep. China  
 SO Faming Zhuanti Shenqing Gongkai Shuomingshu, 9pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese

FAN.CNT 1		PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 101182559	A	20080521	CN 2007-10135300	20071116	
PRAI	CN 2007-10135300		20071116			

L6 ANSWER 4 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 148:560758 CA  
 TI Dietary inulin affects the expression of intestinal enterocyte iron transporters, receptors and storage protein and alters the microbiota in the pig intestine  
 AU Tako, E.; Glahn, R. P.; Welch, R. M.; Lei, X.; Yasuda, K.; Miller, D. D.  
 CS Department of Food Science, Cornell University, Ithaca, NY, 14853, USA  
 SO British Journal of Nutrition (2008), 99(3), 472-480  
 CODEN: BJNUAV; ISSN: 0007-1145  
 PB Cambridge University Press  
 DT Journal  
 LA English

RE.CNT 74 THERE ARE 74 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 5 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 148:339008 CA  
 TI Probiotic/non-probiotic combinations comprising carbohydrate sources and resistant protein products, for promoting gastrointestinal health  
 IN Brown, Ian Lewis; Birkett, Anne M.; Le Leu, Richard; Young, Graeme P.  
 PA National Starch and Chemical Investment Holding Corporation, USA  
 SO U.S. Pat. Appl. Publ., 8pp.  
 CODEN: USXXCO  
 DT Patent  
 LA English

FAN.CNT 1

FAN.CNT 1		PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 20080069861	A1	20080320	US 2007-773729	20070705	
	AU 2007216731	A1	20080403	AU 2007-216731	20070911	
	CN 101148642	A	20080326	CN 2007-10154060	20070913	
	JP 2008081501	A	20080410	JP 2007-237921	20070913	
	KR 2008026039	A	20080324	KR 2007-94148	20070917	
	EP 1917869	A1	20080507	EP 2007-18207	20070917	
	R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, AL, BA, HR, MK, RS					
PRAI	US 2006-845652P	P	20060919			
	US 2007-773729	A	20070705			

L6 ANSWER 6 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 148:99353 CA  
 TI Effect of starch- and lipid-based encapsulation on the culturability of two *Bifidobacterium longum* strains  
 AU Lahtinen, S. J.; Ouwehand, A. C.; Salminen, S. J.; Forssell, P.; Myllarinen, P.  
 CS Department of Biochemistry and Food Chemistry, Functional Foods Forum, University of Turku, Turku, Finland  
 SO Letters in Applied Microbiology (2007), 44(5), 500-505  
 CODEN: LAMIE7; ISSN: 0266-8254  
 PB Blackwell Publishing Ltd.  
 DT Journal  
 LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 7 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 148:32525 CA  
 TI Novel starter medium for cheese production  
 IN Burningham, Gary K.; Orme, Brian J.; Thunell, Randall Kirk  
 PA Dsm Ip Assets B.V., Neth.  
 SO PCT Int. Appl., 25pp.

CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007140815	A1	20071213	WO 2006-EP62943	20060606
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			

PRAI WO 2006-EP62943 20060606  
RE.CNT 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 8 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 147:399290 CA  
TI Selective colonization of insoluble substrates by human faecal bacteria  
AU Leitch, E. Carol McWilliam; Walker, Alan W.; Duncan, Sylvia H.; Holtrop, Grietjie; Flint, Harry J.  
CS Microbial Ecology Group, Rowett Research Institute, Bucksburn, Aberdeen, AB21 9SB, UK  
SO Environmental Microbiology (2007), 9(3), 667-679  
CODEN: ENMIFM; ISSN: 1462-2912  
PB Blackwell Publishing Ltd.  
DT Journal  
LA English  
RE.CNT 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 9 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 147:8902 CA  
TI Low temperature forming of feeds containing inactivated probiotics, prebiotics, enzymes, inactivated yeasts, botanical extracts and dairy components  
IN Forte, Dennis; Goold, John Crosbie; Meysztowicz, Edward J.  
PA Jorrock Pty. Ltd., Australia  
SO PCT Int. Appl., 37pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2007059588	A1	20070531	WO 2006-AU1786	20061128
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2006317527	A1	20070531	AU 2006-317527	20061128
PRAI AU 2005-906626	A	20051128		
AU 2006-906057	A	20061031		
WO 2006-AU1786	W	20061128		

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD

## ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 10 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 146:205451 CA

TI Two high-amylose **maize** starches with different amounts of resistant starch vary in their effects on fermentation, tissue and digesta mass accretion, and bacterial populations in the large bowel of pigs

AU Bird, Anthony R.; Vuaran, Michelle; Brown, Ian; Topping, David L.

CS CSIRO Health Sciences and Nutrition, Adelaide, SA, 5000, Australia

SO British Journal of Nutrition (2007), 97(1), 134-144

CODEN: BJNUAV; ISSN: 0007-1145

PB Cambridge University Press

DT Journal

LA English

RE.CNT 52 THERE ARE 52 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 146:99490 CA

TI In vitro fermentation of new modified starch preparations-changes of microstructure and bacterial end-products

AU Wronkowska, Malgorzata; Soral-Smietana, Maria; Krupa, Urszula; Biedrzycka, Elzbieta

CS Division of Food Science, Department of Functional Properties of Food, Institute of Animal Reproduction and Food Research, Polish Academy of Sciences, Olsztyn, 10-747, Pol.

SO Enzyme and Microbial Technology (2006), 40(1), 93-99

CODEN: EMTED2; ISSN: 0141-0229

PB Elsevier B.V.

DT Journal

LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 12 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 145:396575 CA

TI Method for manufacturing nutrient solution for chronic nephropathy

IN Tan, Qi; Xu, Yong

PA Soochow University, Peop. Rep. China

SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 11pp.

CODEN: CNXXEV

DT Patent

LA Chinese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1840171	A	20061004	CN 2006-10037924	20060119
PRAI	CN 2006-10037924		20060119		

L6 ANSWER 13 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 145:392134 CA

TI Screening for and identification of starch-, amylopectin-, and pullulan-degrading activities in **bifidobacterial** strains

AU Ryan, Sinead M.; Fitzgerald, Gerald F.; van Sinderen, Douwe

CS Alimentary Pharmabiotic Centre, Bioscience Institute, National University of Ireland, Cork, Cork, Ire.

SO Applied and Environmental Microbiology (2006), 72(8), 5289-5296

CODEN: AEMIDF; ISSN: 0099-2240

PB American Society for Microbiology

DT Journal

LA English

RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 14 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 145:162778 CA

TI Native and physically-modified starches - utilization of resistant starch

by **bifidobacteria** (in vitro)  
 AU Soral-Smietana, Maria; Wronkowska, Malgorzata; Biedrzycka, Elzbieta;  
 Bielecka, Maria; Ocicka, Katarzyna  
 CS Department of Functional Properties of Food, Institute of Animal  
 Reproduction and Food Research of Polish Academy of Sciences, Olsztyn,  
 Pol.  
 SO Polish Journal of Food and Nutrition Sciences (2005), 14(3), 273-279  
 CODEN: PJFSE7; ISSN: 1230-0322  
 PB Polish Academy of Sciences, Institute of Animal Reproduction and Food  
 Research, Division of Food Science  
 DT Journal  
 LA English  
 RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 15 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 144:310625 CA  
 TI Manufacture of trehalose by *Saccharomycopsis fibuligera* fermentation  
 IN Wang, Xianghong; Chi, Zhenming  
 PA Ocean University of China, Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 7 pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1740333	A	20060301	CN 2005-10044578	20050918
PRAI	CN 2005-10044578		20050918		

L6 ANSWER 16 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 143:193101 CA  
 TI Bifidogenic effect of dietary fiber and resistant starch from leguminous  
 on the intestinal microbiota of rats  
 AU Queiroz-Monici, Keila Da S.; Costa, Giovana E. A.; Da Silva, Neusely;  
 Reis, Soely M. P. M.; De Oliveira, Admar C.  
 CS Department of Food and Nutrition, Food Engineering Faculty, State  
 University of Campinas, Sao Paulo, Brazil  
 SO Nutrition (New York, NY, United States) (2005), 21(5), 602-608  
 CODEN: NUTRER; ISSN: 0899-9007  
 PB Elsevier Inc.  
 DT Journal  
 LA English  
 RE.CNT 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 17 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 142:218032 CA  
 TI Noodles mixed with water-soluble modified chitosan polymer  
 IN Cha, Ik Soo  
 PA S. Korea  
 SO Repub. Korean Kongkai Taehe Kongbo, No pp. given  
 CODEN: KRXXA7  
 DT Patent  
 LA Korean  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	KR 2002074846	A	20021004	KR 2001-14896	20010322
	CN 1237894	C	20060125	CN 2002-103247	20020201
PRAI	KR 2001-14896	A	20010322		

L6 ANSWER 18 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 141:173284 CA  
 TI Novel dextrans as potential prebiotics  
 AU Fiedorowicz, Maciej; Chaczatrziana, Gohar; Kapusniak, Janusz; Tomasiak,  
 Przemyslaw Jan; Tomasiak, Piotr  
 CS Department of Chemistry, University of Agriculture, Krakow, 31 120, Pol.

SO Journal of Food, Agriculture & Environment (2003), 1(3 & 4), 54-58  
 CODEN: JFAEAC; ISSN: 1459-0255  
 PB World Food RD Ltd.  
 DT Journal  
 LA English  
 RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 19 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 140:234982 CA  
 TI Dietary fructo-oligosaccharides and lactulose inhibit intestinal  
 colonization but stimulate translocation of Salmonella in rats  
 AU Bovee-Oudenhoven, I. M. J.; ten Bruggencate, S. J. M.; Lettink-Wissink, M.  
 L. G.; van der Meer, R.  
 CS Wageningen Centre for Food Sciences/NIZO Food Research, Ede, 6710 BA,  
 Neth.  
 SO Gut (2003), 52(11), 1572-1578  
 CODEN: GUTTAK; ISSN: 0017-5749  
 PB BMJ Publishing Group  
 DT Journal  
 LA English  
 RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 20 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 140:110541 CA  
 TI Effects of dietary oligosaccharides on microbial diversity and  
 fructo-oligosaccharide degrading bacteria in faeces of piglets  
 post-weaning  
 AU Mikkelsen, Lene Lind; Jakobsen, Mogens; Jensen, Bent Borg  
 CS Danish Institute of Agricultural Sciences, Research Centre Foulum, Tjele,  
 DK-8830, Den.  
 SO Animal Feed Science and Technology (2003), 109(1-4), 133-150  
 CODEN: AFSTDH; ISSN: 0377-8401  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English  
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 21 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 140:110446 CA  
 TI Manufacture of functional potato paste containing branched  
 oligosaccharides  
 IN Maki, Kenji; Ii, Toshitaka  
 PA Japan  
 SO Jpn. Kokai Tokkyo Koho, 8 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 2004024213	A	20040129	JP 2002-217301	20020621
JP 3616926	B2	20050202		
PRAI JP 2002-217301		20020621		

L6 ANSWER 22 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
 AN 139:35188 CA  
 TI Physically-modified wheat or potato starches, their physico-chemical  
 properties and metabolism by **bifidobacteria**  
 AU Malgorzata, Wronkowska; Maria, Soral-Smietana; Maria, Bielecka; Elzbieta,  
 Biedrzycka  
 CS Institute of Animal Reproduction and Food Research, Division of Food  
 Science, Polish Academy of Sciences, Olsztyn, 10-747, Pol.  
 SO Zywnosc (2002), 9(4, Supl.), 74-83  
 CODEN: ZYWNFL  
 PB Polskie Towarzystwo Technologow Zywnosci, Oddzial Malopolski

DT Journal  
LA English  
RE.CNT 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 23 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
AN 138:23935 CA  
TI Growth, viability and activity of **Bifidobacterium** spp. in skim milk containing prebiotics  
AU Bruno, F. A.; Lankaputhra, W. E. V.; Shah, N. P.  
CS School of Life Sciences and Technology, Melbourne City Mail Centre, Victoria University, Victoria, 8001, Australia  
SO Journal of Food Science (2002), 67(7), 2740-2744  
CODEN: JFDSA; ISSN: 0022-1147  
PB Institute of Food Technologists  
DT Journal  
LA English  
RE.CNT 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 24 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
AN 137:369281 CA  
TI Manipulation of colonic bacteria and volatile fatty acid production by dietary high amylose **maize** (amylomaize) **starch** granules  
AU Wang, X.; Brown, I. L.; Khaled, D.; Mahoney, M. C.; Evans, A. J.; Conway, P. L.  
CS CRC Food Industry Innovation, School of Medicine, The University of Queensland, Mater Adult Hospital, South Bank, Australia  
SO Journal of Applied Microbiology (2002), 93(3), 390-397  
CODEN: JAMIFK; ISSN: 1364-5072  
PB Blackwell Science Ltd.  
DT Journal  
LA English  
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 25 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
AN 137:368978 CA  
TI In vitro fermentability of a commercial wheat germ preparation and its impact on the growth of **bifidobacteria**  
AU Arrigoni, Eva; Jorger, Francisca; Kolloffel, Beat; Roulet, Isabelle; Herensperger, Monique; Meile, Leo; Amado, Renato  
CS Institute of Food Science, Laboratory of Food Chemistry and Technology, Swiss Federal Institute of Technology, ETH-Zentrum, Zurich, CH- 8092, Switz.  
SO Food Research International (2002), 35(5), 475-481  
CODEN: FORIEU; ISSN: 0963-9969  
PB Elsevier Science Ltd.  
DT Journal  
LA English  
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 26 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
AN 137:366115 CA  
TI Metabolism by **bifidobacteria** and lactic acid bacteria of polysaccharides from wheat and rye, and exopolysaccharides produced by *Lactobacillus sanfranciscensis*  
AU Korakli, M.; Gaezanle, M. G.; Vogel, R. F.  
CS Lehrstuhl fuer Technische Mikrobiologie, Technische Universitat Muenchen, Freising, Germany  
SO Journal of Applied Microbiology (2002), 92(5), 958-965  
CODEN: JAMIFK; ISSN: 1364-5072  
PB Blackwell Science Ltd.  
DT Journal  
LA English  
RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 27 OF 51 CA COPYRIGHT 2008 ACS ON STN

[Full Text](#)

AN 137:278379 CA

TI Effects of **rice starch**-isoflavone diet or **potato starch**-isoflavone diet on plasma isoflavone, plasma lipids, cecal enzyme activity, and composition of fecal microflora in adult mice

AU Tamura, Motoi; Hirayama, Kazuhiro; Itoh, Kikuj; Suzuki, Hiramitsu; Shinohara, Kazuki

CS National Food Research Institute, Tsukuba, 305-8642, Japan

SO Journal of Nutritional Science and Vitaminology (2002), 48(3), 225-229  
CODEN: JNSVA5; ISSN: 0301-4800

PB Center for Academic Publications Japan

DT Journal

LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 28 OF 51 CA COPYRIGHT 2008 ACS ON STN

[Full Text](#)

AN 137:154384 CA

TI Symbiotic regenerative compositions containing microorganisms

IN Schuer, Joerg-Peter

PA Germany

SO Eur. Pat. Appl., 25 pp.

CODEN: EPXXDW

DT Patent

LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI EP 1228769	A1	20020807	EP 2001-102384	20010202
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
CA 2437530	A1	20020906	CA 2002-2437530	20020201
WO 2002067986	A2	20020906	WO 2002-EP1056	20020201
WO 2002067986	A3	20031211		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LI, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, IG				
AU 2002244694	A1	20020912	AU 2002-244694	20020201
AU 2002244694	B2	20061005		
EP 1390071	A2	20040225	EP 2002-712882	20020201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
JP 2005503332	T	20050203	JP 2002-567351	20020201
US 20040076614	A1	20040422	US 2003-467040	20031204
PRAI EP 2001-102384	A	20010202		
WO 2002-EP1056	W	20020201		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 29 OF 51 CA COPYRIGHT 2008 ACS ON STN

[Full Text](#)

AN 135:303100 CA

TI Adhesion of **bifidobacteria** to granular starch and its implications in probiotic technologies

AU Crittenden, R.; Laitila, A.; Forssell, P.; Matto, J.; Saarela, M.; Mattila-Sandholm, T.; Myllarinen, P.

CS VTT Biotechnology, Espoo, FIN-02044, Finland

SO Applied and Environmental Microbiology (2001), 67(8), 3469-3475  
CODEN: AEMIDF; ISSN: 0099-2240

PB American Society for Microbiology

DT Journal

LA English



RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 30 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 134:294788 CA  
TI Encapsulation of probiotic bacteria with alginate-starch and evaluation of survival in simulated gastrointestinal conditions and in yogurt  
AU Sultana, K.; Godward, G.; Reynolds, N.; Arumugaswamy, R.; Peiris, P.; Kailasapathy, K.  
CS Centre for Advanced Food Research, University of Western Sydney, Hawkesbury, Richmond, NSW 2753, Australia  
SO International Journal of Food Microbiology (2000), 62(1-2), 47-55  
CODEN: IJFMD; ISSN: 0168-1605  
PB Elsevier Science Ltd.  
DT Journal  
LA English

RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 31 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 133:334284 CA  
TI Microbial community dynamics during production of the Mexican fermented maize dough pozol  
AU Ben Omar, Nabil; Ampe, Frederic  
CS Laboratoire de Biotechnologie Microbienne Tropicale, Institut de Recherche pour le Développement, Montpellier, F-34032, Fr.  
SO Applied and Environmental Microbiology (2000), 66(9), 3664-3673  
CODEN: AEMIDF; ISSN: 0099-2240  
PB American Society for Microbiology  
DT Journal  
LA English

RE.CNT 55 THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 32 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 133:281028 CA  
TI Effects of administration of rice treated with artificial digestive enzymes on intestinal bacterial flora of rats  
AU Tajiri, Takashi; Higashino, Hideaki  
CS The Institute for Comprehensive Agricultural Sciences, Kinki University, Nara, 631-8505, Japan  
SO Kinki Daigaku Nogaku Sogo Kenkyusho Hokoku (2000), 8, 99-109  
CODEN: KDNKES; ISSN: 0919-3022  
PB Kinki Daigaku Nogaku Sogo Kenkyusho  
DT Journal  
LA Japanese

L6 ANSWER 33 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 133:73276 CA  
TI Improved microbial preparations  
IN Conway, Patricia Lynne; Brown, Ian Lewis; Wang, Xin; Lucas, Rachel Jane  
PA Food Technology Innovations Pty Limited, Australia  
SO PCT Int. Appl., 46 pp.  
CODEN: PIXXD2

DT Patent  
LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000041576	A1	20000720	WO 2000-AU21	20000114
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			

CA 2360346	A1	20000720	CA 2000-2360346	20000114
EP 1150577	A1	20011107	EP 2000-902498	20000114
EP 1150577	B1	20061018		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY

JP 2002534108	T	20021015	JP 2000-593196	20000114
AU 766768	B2	20031023	AU 2000-24248	20000114
NZ 513197	A	20031128	NZ 2000-513197	20000114
AT 342668	T	20061115	AT 2000-902498	20000114
ES 2273664	T3	20070516	ES 2000-902498	20000114
NO 2001003388	A	20010821	NO 2001-3388	20010709
NO 322150	B1	20060821		
ZA 2001006115	A	20021025	ZA 2001-6115	20010725
PRAI AU 1999-8168	A	19990114		
WO 2000-AU21	W	20000114		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 34 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
AN 133:42600 CA  
TI Alpha Amylase resistant starch for the production of food and medicaments  
IN Bengs, Holger; Brunner, Anette  
PA Aventis Research and Technologies GmbH and Co. KG, Germany  
SO Ger. Offen., 12 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
-----	----	-----	-----	-----
PI DE 19860375	A1	20000706	DE 1998-19860375	19981228
WO 2000038537	A1	20000706	WO 1999-EP9298	19991130

W: AU, CA, CN, CZ, HR, HU, JP, NO, PL, US, ZA  
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

EP 1139789	A1	20011010	EP 1999-973532	19991130
EP 1139789	B1	20040818		

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

JP 2002533107	T	20021008	JP 2000-590499	19991130
AT 273622	T	20040915	AT 1999-973532	19991130
PT 1139789	T	20041231	PT 1999-973532	19991130
ES 2226504	T3	20050316	ES 1999-973532	19991130
US 7097831	B1	20060829	US 2001-869398	20011113
AU 2004201381	A1	20040429	AU 2004-201381	20040401
AU 2004201381	B2	20070607		
PRAI DE 1998-19860375	A	19981228		
AU 2000-13878	A3	19991130		
WO 1999-EP9298	W	19991130		

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 35 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text  
AN 133:30126 CA  
TI The protective effects of high amylose **maize** (amylomaize) **starch** granules on the survival of **Bifidobacterium** spp. in the mouse intestinal tract  
AU Wang, X.; Brown, I. L.; Evans, A. J.; Conway, P. L.  
CS Melbourne Laboratory, Food Science Australia, CRC for Food Industry Innovation, Hightett, VIC, Australia  
SO Journal of Applied Microbiology (1999), 87(5), 631-639  
CODEN: JAMIFK; ISSN: 1364-5072  
PB Blackwell Science Ltd.  
DT Journal  
LA English  
RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 36 OF 51 CA COPYRIGHT 2008 ACS on STN  
Full Text

AN 133:2434 CA  
 TI Isolation of macrophage-activating **Bifidobacterium** for the manufacture of fermented rice products  
 AU Cha, Seong-Kwan; Hong, Seok-San; Ji, Geun Eok; Mok, Chulkyoon; Park, Jong-Hyun  
 CS Korea Food Research Institute, Songnam, 462-430, S. Korea  
 SO Sanop Misaengmul Hakhoechi (1999), 27(6), 509-514  
 CODEN: SMHAEH; ISSN: 0257-2389  
 PB Korean Society for Applied Microbiology  
 DT Journal  
 LA Korean

L6 ANSWER 37 OF 51 CA COPYRIGHT 2008 ACS ON STN

[Full Text](#)

AN 132:193477 CA  
 TI Fermentation of rice using amylolytic **Bifidobacterium**  
 AU Lee, J. H.; Lee, S. K.; Park, K. H.; Hwang, I. K.; Ji, G. E.  
 CS Department of Food Science and Nutrition, Hallym University, Chunchon, S. Korea  
 SO International Journal of Food Microbiology (1999), 50(3), 155-161  
 CODEN: IJFMDD; ISSN: 0168-1605  
 PB Elsevier Science Ireland Ltd.  
 DT Journal  
 LA English  
 RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 38 OF 51 CA COPYRIGHT 2008 ACS ON STN

[Full Text](#)

AN 132:61425 CA  
 TI In vitro utilization of amylopectin and high-amylose **maize** (amylomaize) **starch** granules by human colonic bacteria  
 AU Wang, Xin; Conway, Patricia Lynne; Brown, Ian Lewis; Evans, Anthony John  
 CS CRC for Food Industry Innovation at Food Science Australia, Highett, 3190, Australia  
 SO Applied and Environmental Microbiology (1999), 65(11), 4848-4854  
 CODEN: AEMIDF; ISSN: 0099-2240  
 PB American Society for Microbiology  
 DT Journal  
 LA English  
 RE.CNT 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 39 OF 51 CA COPYRIGHT 2008 ACS ON STN

[Full Text](#)

AN 131:291305 CA  
 TI Starch capsules containing microorganisms and/or polypeptides or proteins  
 IN Myllarinen, Paivi; Forssell, Pirkko; Von Wright, Atte; Alander, Minna; Mattila-Sandholm, Tiina; Poutanen, Kaisa  
 PA Valtion Teknillinen Tutkimuskeskus, Finland  
 SO PCT Int. Appl., 27 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English  
 FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9952511	A1	19991021	WO 1999-FI259	19990329
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FI 9800707	A	19990928	FI 1998-707	19980327
FI 104405	B1	20000131		
CA 2324364	A1	19991021	CA 1999-2324364	19990329
AU 9930386	A	19991101	AU 1999-30386	19990329
BR 9909133	A	20001205	BR 1999-9133	19990329
EP 1063976	A1	20010103	EP 1999-911844	19990329

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, NL, SE, PT, IE, FI  
 JP 2002511403 T 20020416 JP 2000-543121 19990329  
 PRAI FI 1998-707 A 19980327  
 WO 1999-FI259 W 19990329  
 RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 40 OF 51 CA COPYRIGHT 2008 ACS ON STN

Full Text

AN 129:293888 CA  
 OREF 129:59867a,59870a  
 TI Reduction inhibitory agent for active-oxygen eliminating activity  
 IN Aga, Hajime; Shibuya, Takashi; Fukuda, Shigeharu; Miyake, Toshio  
 PA Kabushiki Kaisha Hayashibara Seibutsu Kagaku Kenkyujo, Japan  
 SO Eur. Pat. Appl., 23 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 868916	A2	19981007	EP 1998-301575	19980303
	EP 868916	A3	20040915		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	TW 466116	B	20011201	TW 1998-87103059	19980303
	JP 11263795	A	19990928	JP 1998-67628	19980304
	US 20020055620	A1	20020509	US 2001-984392	20011030
	US 20040058592	A1	20040325	US 2003-670525	20030926
	US 7186824	B2	20070306		
PRAI	JP 1997-63987	A	19970304		
	JP 1998-17647	A	19980114		
	US 1998-34336	A3	19980304		

L6 ANSWER 41 OF 51 CA COPYRIGHT 2008 ACS ON STN

Full Text

AN 129:227276 CA  
 OREF 129:46133a,46136a  
 TI Mode of action of some microbial and endogenous arabinoxylan degrading enzymes  
 AU Beldman, G.; Dusterhoft, E.-M.; van Laere, K. M. J.; Pitson, S. M.; Gruppen, H.; Voragen, A. G. J.  
 CS Department of Food Science, Wageningen Agricultural University, Wageningen, 6703 HD, Neth.  
 SO European Symposium on Enzymes and Grain Processing, Proceedings, 1st, Noordwijkerhout, Neth., Dec. 2-4. 1996 (1997), Meeting Date 1996, 42-52.  
 Editor(s): Angelino, S. A. G. F. Publisher: INO Nutrition and Food Research Institute, Zeist, Neth.  
 CODEN: 66KVAR  
 DT Conference; General Review  
 LA English  
 RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 42 OF 51 CA COPYRIGHT 2008 ACS ON STN

Full Text

AN 127:292473 CA  
 OREF 127:57153a,57156a  
 TI Fecal numbers of **bifidobacteria** are higher in pigs fed **Bifidobacterium** longum with a high amylose cornstarch than with a low amylose cornstarch  
 AU Brown, Ian; Warhurst, Michelle; Arcot, Jayashree; Playne, Martin; Illman, Richard J.; Topping, David L.  
 CS Co-operative Research Centre for Food Industry Innovation, CSIRO (Australia) Division of Human Nutrition, Adelaide, 5000, Australia  
 SO Journal of Nutrition (1997), 127(9), 1822-1827  
 CODEN: JONUAI; ISSN: 0022-3166  
 PB American Society for Nutritional Sciences  
 DT Journal  
 LA English  
 RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 43 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 127:277588 CA

OREF 127:54212h,54213a

TI Feeding resistant starch affects fecal and cecal microflora and short-chain fatty acids in rats

AU Kleessen, Brigitta; Stooft, Gisela; Proll, Jurgen; Schmiedl, Detlef; Noack, Jutta; Blaut, Michael

CS German Institute of Human Nutrition, Potsdam-Rehbrücke, Bergholz-Rehbrücke, D14558, Germany

SO Journal of Animal Science (1997), 75(9), 2453-2462  
CODEN: JANSAG; ISSN: 0021-8812

PB American Society of Animal Science

DT Journal

LA English

RE.CNT 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 44 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 127:272805 CA

OREF 127:53117a,53120a

TI Enhancement of microbial colonization of the gastrointestinal tract  
IN Brown, Ian Lewis; Conway, Patricia Lynne; Topping, David Lloyd; Wang, Xin

PA University of New South Wales, Australia; Burns Philp & Co., Ltd.; Burns Philp Research & Development Pty. Ltd.; Commonwealth Scientific and Industrial Research Organisation; Arnott's Biscuits Ltd.; Gist-Brocades Australia Pty. Ltd.; Goodman Fielder Ingredients Ltd.; Brown, Ian Lewis;

Conway, Patricia Lynne; et al.

SO PCT Int. Appl., 18 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9734615	A1	19970925	WO 1997-AU176	19970320
	W: AU, CA, JP, KR, NZ, SG, US				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	CA 2249361	A1	19970925	CA 1997-2249361	19970320
	AU 9720182	A	19971010	AU 1997-20182	19970320
	AU 705095	B2	19990513		
	EP 888118	A1	19990107	EP 1997-908078	19970320
	EP 888118	B1	20041103		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
	NZ 331950	A	20000228	NZ 1997-331950	19970320
	JP 20000506870	T	20000606	JP 1997-532982	19970320
	AT 281174	T	20041115	AT 1997-908078	19970320
	ES 2234002	T3	20050616	ES 1997-908078	19970320
	US 6221350	B1	20010424	US 1999-155117	19990412
PRAI	AU 1996-8813	A	19960320		
	WO 1997-AU176	W	19970320		

L6 ANSWER 45 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 118:190247 CA

OREF 118:32659a,32662a

TI Utilization of pancreatin-indigestible parts of modified starch by various intestinal bacteria

AU Ebihara, Kiyoshi

CS Fac. Agric., Ehime Univ., Matsuyama, 790, Japan

SO Nippon Eiyo, Shokuryo Gakkaishi (1992), 45(6), 554-9

CODEN: NESGDC; ISSN: 0287-3516

DT Journal

LA Japanese

L6 ANSWER 46 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 116:241966 CA

OREF 116:40893a,40896a

TI Lactobacillus-containing tablets coated with intestinally soluble

substances  
IN Yokota, Toyoichi; Sato, Tomomi; Uemitsu, Nobuo; Mogi, Sashiro  
PA Asahi Breweries, Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04041434	A	19920212	JP 1990-147224	19900607
PRAI	JP 1990-147224		19900607		

L6 ANSWER 47 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 108:210208 CA  
OREF 108:34455a,34458a  
TI Oral preparations containing useful microorganisms and scordinins, oxoamidins, or nicotinic acid derivatives as additives  
IN Kominato, Jo; Chira, Hisao  
PA Japan  
SO Jpn. Kokai Tokkyo Koho, 3 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 62212324	A	19870918	JP 1986-55529	19860312
	JP 07051508	B	19950605		
PRAI	JP 1986-55529		19860312		

L6 ANSWER 48 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 108:62440 CA  
OREF 108:10299a,10302a  
TI Antiobesity compositions containing valiolamine derivatives  
IN Matsuo, Takao; Horii, Satoshi; Kitamori, Nobuyuki  
PA Takeda Chemical Industries, Ltd., Japan  
SO PCT Int. Appl., 28 pp.  
CODEN: PIXXD2  
DT Patent  
LA Japanese  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 8605094	A1	19860912	WO 1985-JP118	19850308
	W: MC				
	DK 8600979	A	19860909	DK 1986-979	19860304
	AU 8654271	A	19860911	AU 1986-54271	19860304
	AU 596961	B2	19900524		
	EP 194794	A2	19860917	EP 1986-301506	19860304
	EP 194794	A3	19861217		
	R: BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	NO 8600826	A	19860909	NO 1986-826	19860305
	NO 165662	B	19901210		
	NO 165662	C	19910320		
	FI 8600967	A	19860909	FI 1986-967	19860307
	JP 61205215	A	19860911	JP 1986-51053	19860307
	JP 07002647	B	19950118		
	CA 1255591	A1	19890613	CA 1986-503581	19860307
PRAI	WO 1985-JP118	A	19850308		
	WO 1985-JP246	A	19850430		

L6 ANSWER 49 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 106:38484 CA  
OREF 106:6349a,6352a  
TI Saccharide digestion inhibiting composition  
IN Matsuo, Takao; Horii, Satoshi; Kitamori, Nobuyuki  
PA Takeda Chemical Industries, Ltd., Japan  
SO Eur. Pat. Appl., 34 pp.

CODEN: EPXXDW  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 194794	A2	19860917	EP 1986-301506	19860304
	EP 194794	A3	19861217		
	R: BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
	WO 8605094	A1	19860912	WO 1985-JP118	19850308
	W: MC				
	WO 8606276	A1	19861106	WO 1985-JP246	19850430
	W: MC				
PRAI	WO 1985-JP118	A	19850308		
	WO 1985-JP246	A	19850430		
OS	MARPAT 106:38484				

L6 ANSWER 50 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 89:135837 CA  
OREF 89:20927a,20930a  
TI Method for the prophylaxis and treatment of diarrhea in dogs  
PA Nisshin Flour Milling Co., Ltd., Japan  
SO Brit., 6 pp.  
CODEN: BRXXAA  
DT Patent  
LA English  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1503094	A	19780308	GB 1976-14161	19760407
	JP 51118827	A	19761019	JP 1975-42225	19750409
	JP 60038372	B	19850831		
PRAI	JP 1975-42225	A	19750409		

L6 ANSWER 51 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 82:168858 CA  
OREF 82:26993a,26996a  
TI Medicinal preparations of lactic acid bacteria  
IN Ikeda, Koichiro; Yoshida, Hiroji; Kobayashi, Akio  
PA Nisshin Flour Milling Co., Ltd., Japan  
SO Jpn. Tokkyo Koho, 5 pp.  
CODEN: JAXXAD  
DT Patent  
LA Japanese  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49048731	B	19741223	JP 1970-102711	19701124
PRAI	JP 1970-102711		19701124		

-> d an au ti in pa so pi ab kwic 46 49 50 51

L6 ANSWER 46 OF 51 CA COPYRIGHT 2008 ACS on STN

Full Text

AN 116:241966 CA  
OREF 116:40893a,40896a  
IN Yokota, Toyochi; Sato, Tomomi; Uemitsu, Nobuo; Mogi, Sashiro  
TI Lactobacillus-containing tablets coated with intestinally soluble substances  
IN Yokota, Toyochi; Sato, Tomomi; Uemitsu, Nobuo; Mogi, Sashiro  
PA Asahi Breweries, Ltd., Japan  
SO Jpn. Kokai Tokkyo Koho, 7 pp.  
CODEN: JKXXAF

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04041434	A	19920212	JP 1990-147224	19900607
AB	The tablets coated with intestinally sol. substances, useful for treatment of diarrhea, etc., contain live lactic acid bacteria powders and additives chosen from starch, sugars, cellulose, inorg. silicates, talc,				

poly(vinylpyrrolidone), waxes, and Mg stearate. Lactose 1202, cryst. cellulose 300, hydroxypropyl cellulose 100, SiO<sub>2</sub> 9, and Mg stearate 9 wt. parts were mixed with 60 wt. parts freeze-dried powders contg.

**Bifidobacterium longum** and **potato starch**, made into tablets, and the tablets coated with a soln. contg. hydroxymethyl cellulose phthalate 6.0, Myvacet 0.6, EtOH 48.8, and CH<sub>2</sub>Cl<sub>2</sub> 45.0% at coating ratio of ~10 wt.%. The tablets were treated with an artificial gastric juice (0.1 N HCl contg. 0.3% NaCl and 1% pepsin, pH ~1.2) at 37° for 60 min to show 1.5 × 10<sup>7</sup> live cells/tablet, vs. 2.4 × 10<sup>5</sup> cells/tablet, for controls without the coating.

AB . . . with intestinally sol. substances, useful for treatment of diarrhea, etc., contain live lactic acid bacteria powders and additives chosen from **starch**, sugars, cellulose, inorg. silicates, talc, poly(vinylpyrrolidone), waxes, and Mg stearate. Lactose 1202, cryst. cellulose 300, hydroxypropyl cellulose 100, SiO<sub>2</sub> 9, and Mg stearate 9 wt. parts were mixed with 60 wt. parts freeze-dried powders contg.

**Bifidobacterium longum** and **potato starch**, made into tablets, and the tablets coated with a soln. contg. hydroxymethyl cellulose phthalate 6.0, Myvacet 0.6, EtOH 48.8, and. . .

IT **Bifidobacterium longum**

*Enterococcus faecalis*

*Lactobacillus acidophilus*

(tablets contg., intestinal sol. substances for coating of)

L6 ANSWER 49 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 106:38484 CA

OREF 106:6349a,6352a

IN Matsuo, Takao; Horii, Satoshi; Kitamori, Nobuyuki

TI Saccharide digestion inhibiting composition

IN Matsuo, Takao; Horii, Satoshi; Kitamori, Nobuyuki

PA Takeda Chemical Industries, Ltd., Japan

SO Eur. Pat. Appl., 34 pp.

CODEN: EPXXDW

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 194794	A2	19860917	EP 1986-301506	19860304
EP 194794	A3	19861217		
R: BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
WO 8605094	A1	19860912	WO 1985-JP118	19850308
W: MC				
WO 8606276	A1	19861106	WO 1985-JP246	19850430
W: MC				

AB A saccharide digestion-inhibiting compn. contains an  $\alpha$ -glucosidase inhibitor and nonpathogenic lactic acid-producing live bacteria. Oral administration of this compn. allows prevention or treatment of diabetes and obesity without formal dieting and without significant side effects such as diarrhea and other intestinal problems. Valiolamine derivs. are preferred  $\alpha$ -glucosidase inhibitors. Thus, tablets contg.

N-(1,3-dihydroxy-2-propyl)valiolamine 5, Mg stearate 1, **Bifidobacterium bifidum** (1012 live cells) 10, lactose 59, and **potato starch** 25 g were prepd. Beagle dogs given these tablets did not develop diarrhea.

AB . . . as diarrhea and other intestinal problems. Valiolamine derivs. are preferred  $\alpha$ -glucosidase inhibitors. Thus, tablets contg.

N-(1,3-dihydroxy-2-propyl)valiolamine 5, Mg stearate 1, **Bifidobacterium bifidum** (1012 live cells) 10, lactose 59, and **potato starch** 25 g were prepd. Beagle dogs given these tablets did not develop diarrhea.

IT **Bifidobacterium bifidum**

*Lactobacillus acidophilus*

*Streptococcus faecalis*

(saccharide digestion inhibition with compn. contg.  $\alpha$ -glucosidase inhibitor and)

L6 ANSWER 50 OF 51 CA COPYRIGHT 2008 ACS on STN

[Full Text](#)

AN 89:135837 CA

OREF 89:20927a,20930a

TI Method for the prophylaxis and treatment of diarrhea in dogs

PA Nissin Flour Milling Co., Ltd., Japan

SO Brit., 6 pp.

CODEN: BRXXAA

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	GB 1503094	A	19780308	GB 1976-14161	19760407
	JP 51118827	A	19761019	JP 1975-42225	19750409
	JP 60038372	B	19850831		

AB Diarrhea in dogs was controlled by oral administration of **Bifidobacterium pseudolongum** and B. adolescentis isolated from the intestines and/or feces of dogs. E.g., B. pseudolongum cell mass was dispersed at the ratio of 1:10 vol. with M/15 phosphate buffer contg. L-cysteine and then further dispersed at the ratio of 1.5 vol. with a viscous compn. contg. **potato starch** 50, Na glutamate or lysine-HCl 100, L-cysteine 19, gelatin 15 g, and M/15 phosphate buffer, 500 mL. The total mixt. was added with **wheat starch** amounting to 70% of the said mixt. The product, dried and granulated, was fed to dogs (108-109 viable cells/g) and was effective in the treatment of diarrhea in 12 out of 15 dogs tested.

AB Diarrhea in dogs was controlled by oral administration of **Bifidobacterium pseudolongum** and B. adolescentis isolated from the intestines and/or feces of dogs. E.g., B. pseudolongum cell mass was dispersed at . . . M/15 phosphate buffer contg. L-cysteine and then further dispersed at the ratio of 1.5 vol. with a viscous compn. contg. **potato starch** 50, Na glutamate or lysine-HCl 100, L-cysteine 19, gelatin 15 g, and M/15 phosphate buffer, 500 mL. The total mixt. was added with **wheat starch** amounting to 70% of the said mixt. The product, dried and granulated, was fed to dogs (108-109 viable cells/g) and. . .

ST diarrhea treatment dog **Bifidobacterium**

IT Dog

(diarrhea in, **Bifidobacterium** compn. for treatment of)

IT **Bifidobacterium** adolescentis

**Bifidobacterium pseudolongum**

(diarrhea treatment in dogs with compns. contg.)

IT Diarrhea

(in dogs, **Bifidobacterium** compn. for treatment of)

L6 ANSWER 51 OF 51 CA COPYRIGHT 2008 ACS ON STN

Full Text

AN 82:168858 CA

OREF 82:26993a,26996a

IN Ikeda, Koichiro; Yoshida, Hiroji; Kobayashi, Akio

TI Medicinal preparations of lactic acid bacteria

IN Ikeda, Koichiro; Yoshida, Hiroji; Kobayashi, Akio

FA Nisshin Flour Milling Co., Ltd., Japan

SO Jpn. Tokkyo Koho, 5 pp.

CODEN: JAXXAD

PATENT NO.

KIND

DATE

APPLICATION NO.

DATE

PI	JP 49048731	B	19741223	JP 1970-102711	19701124
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AB Stable lactic acid bacteria preps. were formulated from lactic acid bacterial cells, Na glutamate, **starch**, and **starch** glue. Thus, the cells of **Bifidobacterium** adolescentis were suspended in a phosphate buffer. Sep., **starch** glue was prep'd. from **potato starch** 100, Na glutamate 200, cysteine 20 g, and 3% gelatin 1 l. The glue was cooled to <40° and to this was added the bacterial cell suspension. Then, 1 kg **wheat starch** was added to the mixt. The material was dried at 25° under reduced pressure (<5 mm Hg). The dried matter was pulverized. The nos. of viable bacteria in the prep'n. contg. Na glutamate were 2 × 10<sup>9</sup>, 4 × 10<sup>8</sup>, and 5 × 10<sup>7</sup> after storage at 30° for 0, 49, and 102 days, resp., whereas those in controls were 2 × 10<sup>7</sup>, 1 × 10<sup>4</sup>, and 0 after storing for 0, 14, and 35 days, resp.

AB Stable lactic acid bacteria preps. were formulated from lactic acid bacterial cells, Na glutamate, **starch**, and **starch** glue. Thus, the cells of **Bifidobacterium** adolescentis were suspended in a phosphate buffer. Sep., **starch** glue was prep'd. from **potato starch** 100, Na glutamate 200, cysteine 20 g, and 3% gelatin 1 l. The glue was cooled to <40° and to this was added the bacterial cell suspension. Then, 1 kg **wheat starch** was added to the mixt. The material was dried at 25° under reduced pressure (<5 mm Hg). The dried matter. . .

ST lactate bacterium prep; glutamate lactate bacterium prep;

**Bifidobacterium** prep'n glutamate

IT **Bifidobacterium** adolescentis

(stable prep'n. of)

```

=> file uspatall
COST IN U.S. DOLLARS
FULL ESTIMATED COST
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
CA SUBSCRIBER PRICE
FILE 'USPATFULL' ENTERED AT 15:41:31 ON 20 OCT 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'USPATOLD' ENTERED AT 15:41:31 ON 20 OCT 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)
FILE 'USPAT2' ENTERED AT 15:41:31 ON 20 OCT 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

=> s (probiotic microorganism or bifidobacter?)
L7 2578 (PROBIOTIC MICROORGANISM OR BIFIDOBACTER?)

=> s (probiotic microorganism or bifidobacter?)/clm
L8 698 (PROBIOTIC MICROORGANISM OR BIFIDOBACTER?)/CLM

=> s (maize or rice or wheat or legume or banana or potato)(l)(amylose starch or starch)
L9 89980 (MAIZE OR RICE OR WHEAT OR LEGUME OR BANANA OR POTATO)(L)(AMYLOSE
E STARCH OR STARCH)

=> s (maize or rice or wheat or legume or banana or potato)(l)(amylose starch or starch)/clm
L10 6129 (MAIZE OR RICE OR WHEAT OR LEGUME OR BANANA OR POTATO)(L)(AMYLOSE
E STARCH OR STARCH)/CLM

=> s l7and l9
MISSING OPERATOR L7AND L9
The search profile that was entered contains terms or
nested terms that are not separated by a logical operator.

=> s l7 and l9
L11 771 L7 AND L9

=> s l8 and l10
L12 20 L8 AND L10

=> d 1-20

L12 ANSWER 1 OF 20 USPATFULL on SIN
Full Text
AN 2008:290133 USPATFULL
TI Food Additives Containing Combinations of Prebiotics and Probiotics
IN Potter, Susan M., Decatur, IL, UNITED STATES
PI US 20080254166 A1 20081016
AI US 2008-970046 A1 20080107 (11)
PRAI US 2007-886542P 20070125 (60)
DT Utility
FS APPLICATION
LN.CNT 415
INCL INCLM: 426/061.000
NCL NCLM: 426/061.000
IC IPCI A23L0001-03 [I,A]

L12 ANSWER 2 OF 20 USPATFULL on SIN
Full Text
AN 2008:103511 USPATFULL
TI LACTEAL COATED PIZZAS
IN Grigg, Louise J., Scarsdale, NY, UNITED STATES
Jonsan, John, Sutherland, VA, UNITED STATES
PA Body Structures, Inc., Scarsdale, NY, UNITED STATES (U.S. corporation)
PI US 20080089978 A1 20080417
AI US 2006-309851 A1 20061013 (11)
DT Utility

```

FS APPLICATION  
LN.CNT 4289  
INCL INCLM: 426/061.000  
INCLS: 426/100.000; 426/102.000; 426/103.000; 426/580.000; 426/071.000;  
426/072.000; 426/092.000; 426/094.000  
NCL NCLM: 426/061.000  
NCLS: 426/071.000; 426/072.000; 426/092.000; 426/094.000; 426/100.000;  
426/102.000; 426/103.000; 426/580.000  
IC IPCI A23L0001-00 [I,A]; A21D0010-00 [I,A]; A23C0009-00 [I,A];  
A23L0001-212 [I,A]; A23L0001-31 [I,A]; A23L0001-302 [I,A];  
A23C0009-12 [I,A]; A23G0003-00 [I,A]  
IPCR A23L0001-00 [I,C]; A23L0001-00 [I,A]; A21D0010-00 [I,C];  
A21D0010-00 [I,A]; A23C0009-00 [I,C]; A23C0009-00 [I,A];  
A23C0009-12 [I,C]; A23C0009-12 [I,A]; A23G0003-00 [I,C];  
A23G0003-00 [I,A]; A23L0001-212 [I,C]; A23L0001-212 [I,A];  
A23L0001-302 [I,C]; A23L0001-302 [I,A]; A23L0001-31 [I,C];  
A23L0001-31 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 3 OF 20 USPATFULL on SIN

Full Text

AN 2008:79735 USPATFULL  
TI Probiotic/Non-Probiotic Combinations  
IN Brown, Ian Lewis, Gynea Bay, AUSTRALIA  
Birkett, Anne M., Somerville, NJ, UNITED STATES  
Le Leu, Richard, Manningham, AUSTRALIA  
Young, Graeme P., Malvern, AUSTRALIA  
PA National Starch and Chemical Investment Holding Corporation, New Castle,  
DE, UNITED STATES (non-U.S. corporation)  
PI US 20080069861 A1 20080320  
AI US 2007-773729 A1 20070705 (11)  
PRAI US 2006-845652P 20060919 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 662  
INCL INCLM: 424/439.000  
INCLS: 426/648.000; 426/656.000  
NCL NCLM: 424/439.000  
NCLS: 426/648.000; 426/656.000  
IC IPCI A61K0047-42 [I,A]; A23J0001-00 [I,A]; A61P0001-00 [I,A];  
A61P0035-00 [I,A]; A61P0005-50 [I,A]; A61P0005-00 [I,C\*];  
A61P0019-00 [I,A]; A23L0001-30 [I,A]  
IPCR A61K0047-42 [I,C]; A61K0047-42 [I,A]; A23J0001-00 [I,C];  
A23J0001-00 [I,A]; A23L0001-30 [I,C]; A23L0001-30 [I,A];  
A61P0001-00 [I,C]; A61P0001-00 [I,A]; A61P0005-00 [I,C];  
A61P0005-50 [I,A]; A61P0019-00 [I,C]; A61P0019-00 [I,A];  
A61P0035-00 [I,C]; A61P0035-00 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 4 OF 20 USPATFULL on SIN

Full Text

AN 2008:72723 USPATFULL  
TI Product Which is Fermented Without Lactose From a Shake Comprising  
Non-Vegetable Dried Fruits and/or Orgeat  
IN Perez Martinez, Gaspar, Burjassot, SPAIN  
Miralles Aracil, M. Carmen, Paterna, SPAIN  
Marti Vidagany, Adolfo, Bujassot, SPAIN  
Martinez, Isabel, Paterna, SPAIN  
PI US 20080063752 A1 20080313  
AI US 2005-587975 A1 20050427 (11)  
WO 2005-ES70053 20050427  
20070618 PCT 371 date  
PRAI ES 2004-1043 20040430  
DT Utility  
FS APPLICATION  
LN.CNT 815  
INCL INCLM: 426/049.000  
NCL NCLM: 426/049.000  
IC IPCI A23B0007-10 [I,A]  
IPCR A23B0007-10 [I,C]; A23B0007-10 [I,A]; A23C0011-00 [I,C\*];  
A23C0011-10 [I,A]; A23L0001-212 [I,C\*]; A23L0001-212 [I,A];  
A23L0001-29 [I,C\*]; A23L0001-29 [I,A]; A23L0001-30 [I,C\*];

A23L0001-30 [I,A]; A23L0001-302 [I,C\*]; A23L0001-302 [I,A];  
A23L0001-304 [I,C\*]; A23L0001-304 [I,A]; A23L0001-308 [I,C\*];  
A23L0001-308 [I,A]

L12 ANSWER 5 OF 20 USPATFULL on STN

Full Text

AN 2008:19247 USPATFULL  
TI Dietary and pharmaceutical compositions containing lyophilized lactic  
bacteria, their preparation and use  
IN DeSimone, Claudio, Via Fabretti, 8, 00161 Roma, ITALY  
PI US 40023 E1 20080122  
US 5716615 19980210 (Original)  
AI US 2006-375704 20060315 (11)  
US 1995-448787 19950524 (Original)  
RLI Continuation of Ser. No. US 1993-117751, filed on 8 Sep 1993, ABANDONED  
Continuation-in-part of Ser. No. US 1992-983839, filed on 1 Dec 1992,  
ABANDONED  
PRAI IT 1992-MI256 19920210  
DT Reissue  
FS GRANTED  
LN.CNT 782  
INCL INCLM: 424/093.400  
INCLS: 424/093.440; 424/093.450; 426/061.000; 435/252.400; 435/252.900;  
435/253.400; 435/260.000; 435/856.000; 435/885.000  
NCL NCLM: 424/093.400  
NCLS: 424/093.440; 424/093.450; 426/061.000; 435/252.400; 435/252.900;  
435/253.400; 435/260.000; 435/856.000; 435/885.000  
IC IPCI A61K0038-44 [I,A]; A61K0038-43 [I,C\*]; C12N0001-04 [I,A];  
C12N0001-20 [I,A]

L12 ANSWER 6 OF 20 USPATFULL on STN

Full Text

AN 2007:55491 USPATFULL  
TI Use of dextrin in animal feeds  
IN Holzgraefe, David Paul, Quincy, IL, UNITED STATES  
Less, John F., Forsyth, IL, UNITED STATES  
Shipp, Thomas E. JR., Warsaw, NC, UNITED STATES  
Yang, Hong, Peoria, IL, UNITED STATES  
PA Archer-Daniels-Midland Company (U.S. corporation)  
PI US 20070048432 A1 20070301  
AI US 2006-509152 A1 20060824 (11)  
PRAI US 2005-711161P 20050825 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1689  
INCL INCLM: 426/658.000  
NCL NCLM: 426/658.000  
IC IPCI A23G0003-00 [I,A]  
IPCR A23G0003-00 [I,C]; A23G0003-00 [I,A]  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 7 OF 20 USPATFULL on STN

Full Text

AN 2006:174054 USPATFULL  
TI Use of isomalt (mixture of 1,6 gps and 1,1 gpm) as a prebiotic for the  
production of a medicament used for the treatment of intestinal  
diseases, among other things  
IN Klingenberg, Michael, Grunstadt, GERMANY, FEDERAL REPUBLIC OF  
Kozlanowski, Gunhild, Grunstadt, GERMANY, FEDERAL REPUBLIC OF  
PI US 20060147500 A1 20060706  
AI US 2004-561122 A1 20040604 (10)  
WO 2004-EP6030 20040604  
20060202 PCT 371 date  
PRAI DE 2003-10328180 20030616  
DT Utility  
FS APPLICATION  
LN.CNT 1222  
INCL INCLM: 424/442.000  
INCLS: 514/025.000; 514/054.000  
NCL NCLM: 424/442.000  
NCLS: 514/025.000; 514/054.000  
IC IPCI A61K0031-7012 [I,A]; A61K0031-715 [I,A]; A23K0001-165 [I,A]

IPCR A61K0031-7012 [I,A]; A23G0003-34 [I,C\*]; A23G0003-34 [I,A];  
A23G0009-52 [I,C\*]; A23G0009-52 [I,A]; A23K0001-165 [I,C];  
A23K0001-165 [I,A]; A23L0001-236 [I,C\*]; A23L0001-236 [I,A];  
A23L0001-30 [I,C\*]; A23L0001-30 [I,A]; A23L0002-02 [I,C\*];  
A23L0002-02 [I,A]; A23L0002-52 [I,C\*]; A23L0002-52 [I,A];  
A61K0031-7012 [I,C]; A61K0031-7016 [I,C\*]; A61K0031-7016 [I,A];  
A61K0031-715 [I,C]; A61K0031-715 [I,A]; A61P0001-00 [I,C\*];  
A61P0001-00 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 8 OF 20 USPATFULL on SIN

Full Text

AN 2006:66914 USPATFULL  
TI Malleable protein matrix and uses thereof  
IN Simard, Eric, Laval, CANADA  
Pilote, Dominique, Chicoutimi, CANADA  
DuPont, Claude, Blainville, CANADA  
Lajoie, Nathalie, Jonquiere, CANADA  
Paquet, Marcel, Chicoutimi, CANADA  
Lemieux, Pierre, Ste-Therese, CANADA  
Goyette, Philippe, Montreal, CANADA  
PI US 20060057131 A1 20060316  
AI US 2002-499313 A1 20021220 (10)  
WO 2002-CA1988 20021220  
20050224 PCI 371 date  
PRAI US 2001-60341232 20011220  
DT Utility  
FS APPLICATION  
LN.CNT 2477  
INCL INCLM: 424/093.450  
INCLS: 435/252.900  
NCL NCLM: 424/093.450  
NCLS: 435/252.900  
IC IPCI A61K0035-74 [I,A]; A61K0035-66 [I,C\*]; C12N0001-20 [I,A]  
IPCR A23C0009-12 [I,C\*]; A23C0009-123 [I,A]; A61K0035-66 [I,C];  
A61K0035-74 [I,A]; A23C0009-13 [I,C\*]; A23C0009-13 [I,A];  
A23C0009-152 [I,C\*]; A23C0009-152 [I,A]; A23C0013-00 [I,C\*];  
A23C0013-14 [I,A]; A23C0015-00 [I,C\*]; A23C0015-16 [I,A];  
A23J0003-00 [I,C\*]; A23J0003-08 [I,A]; A23J0003-22 [I,A];  
A23L0001-187 [I,C\*]; A23L0001-187 [I,A]; A23L0001-19 [I,C\*];  
A23L0001-19 [I,A]; A23L0001-22 [I,C\*]; A23L0001-22 [I,A];  
A23L0001-226 [I,C\*]; A23L0001-23 [I,A]; A23L0001-24 [I,C\*];  
A23L0001-24 [I,A]; A23L0001-30 [I,C\*]; A23L0001-30 [I,A];  
A23L0001-305 [I,C\*]; A23L0001-305 [I,A]; A23L0002-38 [I,C\*];  
A23L0002-38 [I,A]; A23L0002-52 [I,C\*]; A23L0002-52 [I,A];  
A23L0002-66 [I,A]; A61K0008-00 [I,C\*]; A61K0008-00 [I,A];  
A61K0008-30 [I,C\*]; A61K0008-64 [I,A]; A61K0008-72 [I,C\*];  
A61K0008-72 [I,A]; A61K0008-92 [I,C\*]; A61K0008-92 [I,A];  
A61K0008-96 [I,C\*]; A61K0008-96 [I,A]; A61K0008-99 [I,A];  
A61K0009-00 [I,C\*]; A61K0009-00 [I,A]; A61K0009-16 [I,C\*];  
A61K0009-16 [N,A]; A61K0038-00 [I,C\*]; A61K0038-00 [I,A];  
A61K0038-02 [I,C\*]; A61K0038-02 [I,A]; A61K0047-42 [I,C\*];  
A61K0047-42 [N,A]; A61P0029-00 [I,C\*]; A61P0029-00 [I,A];  
A61P0037-00 [I,C\*]; A61P0037-04 [I,A]; A61Q0001-00 [I,C\*];  
A61Q0001-00 [I,A]; A61Q0001-02 [I,C\*]; A61Q0001-02 [N,A];  
A61Q0001-10 [I,A]; A61Q0005-00 [I,C\*]; A61Q0005-00 [I,A];  
A61Q0005-02 [I,C\*]; A61Q0005-02 [I,A]; A61Q0017-04 [I,C\*];  
A61Q0017-04 [I,A]; A61Q0019-00 [I,C\*]; A61Q0019-00 [I,A];  
C07K0014-435 [I,C\*]; C07K0014-47 [I,A]; C12N0001-20 [I,C];  
C12N0001-20 [I,A]; C12N0009-00 [I,C\*]; C12N0009-00 [I,A];  
C12N0011-00 [I,C\*]; C12N0011-02 [I,A]; C12P0019-00 [I,C\*];  
C12P0019-04 [I,A]; C12P0021-00 [I,C\*]; C12P0021-00 [I,A];  
C12R0001-01 [N,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 9 OF 20 USPATFULL on SIN

Full Text

AN 2006:9726 USPATFULL  
TI Galactosyl isomalt, method for production and use thereof  
IN Begli, Alireza Haji, Ramsen, GERMANY, FEDERAL REPUBLIC OF  
Klingenberg, Michael, Grunstadt, GERMANY, FEDERAL REPUBLIC OF  
Kunz, Markwart, Worms, GERMANY, FEDERAL REPUBLIC OF

Mattes, Ralf, Stuttgart, GERMANY, FEDERAL REPUBLIC OF  
 Schroder, Sven, Hamburg, GERMANY, FEDERAL REPUBLIC OF  
 Thiem, Joachim, Hamburg, GERMANY, FEDERAL REPUBLIC OF  
 Vogel, Manfred, Neuleiningen, GERMANY, FEDERAL REPUBLIC OF

PI US 20060008574 A1 20060112  
 AI US 2003-515488 A1 20030606 (10)  
 WO 2003-EP5999 20030606  
 20050725 PCT 371 date

PRAI DE 2002-10225242 20020607  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2323  
 INCL INCLM: 426/658.000  
 NCL NCLM: 426/658.000  
 IC IPCI A23G0003-00 [I,A]  
 IPCR A23G0003-00 [I,A]; A23K0001-14 [I,C\*]; A23K0001-14 [I,A];  
 A21D0002-00 [I,C\*]; A21D0002-18 [I,A]; A21D0013-00 [I,C\*];  
 A21D0013-02 [I,A]; A21D0013-08 [I,A]; A23C0009-13 [I,C\*];  
 A23C0009-13 [I,A]; A23D0007-005 [I,C\*]; A23D0007-005 [I,A];  
 A23D0009-007 [I,C\*]; A23D0009-007 [I,A]; A23G0003-00 [I,C];  
 A23G0003-34 [I,C\*]; A23G0003-34 [I,A]; A23K0001-16 [I,C\*];  
 A23K0001-16 [I,A]; A23K0001-165 [I,C\*]; A23K0001-165 [I,A];  
 A23K0001-18 [I,C\*]; A23K0001-18 [I,A]; A23L0001-06 [I,C\*];  
 A23L0001-064 [I,A]; A23L0001-09 [I,C\*]; A23L0001-09 [I,A];  
 A23L0001-164 [I,C\*]; A23L0001-164 [I,A]; A23L0001-212 [I,C\*];  
 A23L0001-212 [I,A]; A23L0001-236 [I,C\*]; A23L0001-236 [I,A];  
 A23L0001-308 [I,C\*]; A23L0001-308 [I,A]; A23L0002-52 [I,C\*];  
 A23L0002-60 [I,A]; A61K0031-702 [I,C\*]; A61K0031-702 [I,A];  
 A61K0031-7028 [I,C\*]; A61K0031-7032 [I,A]; A61K0031-715 [I,C\*];  
 A61K0031-715 [I,A]; A61P0001-00 [I,C\*]; A61P0001-00 [I,A];  
 A61P0001-12 [I,A]; A61P0003-00 [I,C\*]; A61P0003-08 [I,A];  
 A61P0003-10 [I,A]; A61P0009-00 [I,C\*]; A61P0009-00 [I,A];  
 A61P0009-12 [I,A]; A61P0019-00 [I,C\*]; A61P0019-10 [I,A];  
 A61P0029-00 [I,C\*]; A61P0029-00 [I,A]; A61P0035-00 [I,C\*];  
 A61P0035-00 [I,A]; C07H0003-00 [I,C\*]; C07H0003-06 [I,A];  
 C07H0015-00 [I,C\*]; C07H0015-04 [I,A]; C08B0037-00 [I,C\*];  
 C08B0037-00 [I,A]; C12P0019-00 [I,C\*]; C12P0019-14 [I,A];  
 C12P0019-44 [I,A]; C12R0001-07 [N,A]; C13K0013-00 [I,C\*];  
 C13K0013-00 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 10 OF 20 USPATFULL on STN

Full Text

AN 2005:274222 USPATFULL  
 TI Condensed palatinose and method for producing the same  
 IN Klingenberg, Michael, Grunstadt, GERMANY, FEDERAL REPUBLIC OF  
 Kunz, Markwart, Worms, GERMANY, FEDERAL REPUBLIC OF  
 Looft, Jan, Holzwinden, GERMANY, FEDERAL REPUBLIC OF  
 Martin, Dierk, Molsheim, GERMANY, FEDERAL REPUBLIC OF  
 Munir, Mohammed, Kindenheim, GERMANY, FEDERAL REPUBLIC OF  
 Vogel, Manfred, Neuleiningen, GERMANY, FEDERAL REPUBLIC OF

PI US 20050238777 A1 20051027  
 AI US 2003-515488 A1 20030613 (10)  
 WO 2003-EP6218 20030613  
 20050621 PCT 371 date

PRAI DE 2002-10226203 20020613  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1871  
 INCL INCLM: 426/548.000  
 NCL NCLM: 426/548.000  
 IC [7]  
 ICM A23L001-236  
 IPCI A23L0001-236 [ICM,7]  
 IPCR A21D0002-00 [I,C\*]; A21D0002-18 [I,A]; A21D0013-00 [I,C\*];  
 A21D0013-02 [I,A]; A21D0013-08 [I,A]; A23C0009-13 [I,C\*];  
 A23C0009-13 [I,A]; A23D0007-005 [I,C\*]; A23D0007-005 [I,A];  
 A23D0009-007 [I,C\*]; A23D0009-007 [I,A]; A23G0003-34 [I,C\*];  
 A23G0003-34 [I,A]; A23G0009-52 [I,C\*]; A23G0009-52 [I,A];  
 A23K0001-16 [I,C\*]; A23K0001-16 [I,A]; A23K0001-18 [I,C\*];  
 A23K0001-18 [I,A]; A23L0001-06 [I,C\*]; A23L0001-06 [I,A];  
 A23L0001-09 [I,C\*]; A23L0001-09 [I,A]; A23L0001-164 [I,C\*];

A23L0001-164 [I,A]; A23L0001-212 [I,C\*]; A23L0001-212 [I,A];  
 A23L0001-236 [I,C\*]; A23L0001-236 [I,A]; A23L0002-52 [I,C\*];  
 A23L0002-60 [I,A]; A61K0031-70 [I,C\*]; A61K0031-70 [I,A];  
 C07H0003-00 [I,C\*]; C07H0003-06 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 11 OF 20 USPATFULL ON STN

Full Text

AN 2005:255908 USPATFULL  
 TI Condensed palatinose in hydrogenated form  
 IN Haji Begli, Alireza, Ramsen, GERMANY, FEDERAL REPUBLIC OF  
 Klingenberg, Michael, Grunstadt, GERMANY, FEDERAL REPUBLIC OF  
 Kunz, Markwart, Worms, GERMANY, FEDERAL REPUBLIC OF  
 Vogel, Manfred, Neuleiningen, GERMANY, FEDERAL REPUBLIC OF  
 PI US 20050222406 A1 20051006  
 AI US 2003-527523 A1 20030902 (10)  
 WO 2003-EP9725 20030902  
 20050310 PCT 371 date  
 PRAI DE 2002-10242062 20020911  
 DT Utility  
 FS APPLICATION  
 LN.CNT 2152  
 INCL INCLM: 536/123.000  
 INCLS: 536/124.000  
 NCL NCLM: 536/123.000  
 NCLS: 536/124.000  
 IC [7]  
 ICM C08B037-00  
 IPCI C08B037-00 [ICM,7]  
 IPCR A21D0002-00 [I,C\*]; A21D0002-18 [I,A]; A23C0009-13 [I,C\*];  
 A23C0009-13 [I,A]; A23K0001-00 [I,C\*]; A23K0001-00 [I,A];  
 A23K0001-16 [I,C\*]; A23K0001-16 [I,A]; A23K0001-18 [I,C\*];  
 A23K0001-18 [I,A]; A23L0001-06 [I,C\*]; A23L0001-064 [I,A];  
 A23L0001-068 [I,A]; A23L0001-164 [I,C\*]; A23L0001-164 [I,A];  
 A23L0001-212 [I,C\*]; A23L0001-212 [I,A]; A23L0001-236 [I,C\*];  
 A23L0001-236 [I,A]; A23L0001-308 [I,C\*]; A23L0001-308 [I,A];  
 A23L0002-385 [I,C\*]; A23L0002-39 [I,A]; A23L0002-52 [I,C\*];  
 A23L0002-52 [I,A]; A23L0002-52 [I,A]; A61P0043-00 [I,C\*];  
 A61P0043-00 [I,A]; C07H0003-00 [I,C\*]; C07H0003-06 [I,A];  
 C07H0015-00 [I,C\*]; C07H0015-04 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 12 OF 20 USPATFULL ON STN

Full Text

AN 2002:69597 USPATFULL  
 TI Enteric coated microgranules for stabilizing lactic acid bacteria  
 IN Kim, Dong Yeun, Seoul, KOREA, REPUBLIC OF  
 Park, Dong Woo, Seoul, KOREA, REPUBLIC OF  
 Jeon, Hong Ryeol, Suwon-shi, KOREA, REPUBLIC OF  
 PA Il Yang Pharm. Co., Ltd., Seoul, KOREA, REPUBLIC OF (non-U.S.  
 corporation)  
 PI US 6365148 B1 20020402  
 WO 9920745 19990429  
 AI US 2000-529534 20000414 (9)  
 WO 1999-KR9800314 19991016  
 20000414 PCT 371 date  
 PRAI KR 1997-53312 19971017  
 DT Utility  
 FS GRANTED  
 LN.CNT 478  
 INCL INCLM: 424/093.100  
 INCLS: 435/252.900; 424/490.000  
 NCL NCLM: 424/093.100  
 NCLS: 424/490.000; 435/252.900  
 IC [7]  
 ICM A01N063-00  
 ICS A61K009-16; C12N001-20  
 IPCI A01N0063-00 [ICM,7]; A61K0009-16 [ICS,7]; C12N0001-20 [ICS,7]  
 IPCR A23L0001-28 [I,C\*]; A23L0001-28 [I,A]; A23C0009-13 [I,C\*];  
 A23C0009-13 [I,A]; A61K0009-16 [I,C\*]; A61K0009-16 [I,A];  
 A61K0035-66 [I,C\*]; A61K0035-74 [I,A]; A61K0047-26 [I,C\*];  
 A61K0047-26 [I,A]; A61K0047-32 [I,C\*]; A61K0047-32 [I,A];

A61K0047-36 [I,C\*]; A61K0047-36 [I,A]; A61K0047-38 [I,C\*];  
A61K0047-38 [I,A]; A61K0047-42 [I,C\*]; A61K0047-42 [I,A];  
A61P0001-00 [I,C\*]; A61P0001-14 [I,A]  
EXF 426/42; 426/61; 426/317; 426/565; 424/93.45; 424/93.1; 424/489;  
424/490; 435/244; 435/252.1; 435/252.9  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 13 OF 20 USPATFULL on STN

Full Text

AN 2002:34425 USPATFULL  
TI Alteration of microbial populations in the gastrointestinal tract  
IN Brown, Ian L., Tamworth, AUSTRALIA  
Conway, Patricia Lynne, La Perouse, AUSTRALIA  
Evans, Anthony John, Pennant Hills, AUSTRALIA  
Henriksson, Karl Anders Olof, Bellevue Hill, AUSTRALIA  
McNaught, Kenneth J., Cottage Point, AUSTRALIA  
Wang, Xin, Randwick, AUSTRALIA  
PA The University of New South Wales, New South Wales, AUSTRALIA (non-U.S.  
corporation)  
Burns Philp & Company, New South Wales, AUSTRALIA (non-U.S. corporation)  
Burns Philp Research & Development PTY LTD, New South Wales, AUSTRALIA  
(non-U.S. corporation)  
Commonwealth Scientific and Industrial Research Organisation, Australian  
Capital Territory, AUSTRALIA (non-U.S. corporation)  
Arnott's Biscuits Limited, New South Wales, AUSTRALIA (non-U.S.  
corporation)  
Gist-Brocades Australia PTY Limited, New South Wales, AUSTRALIA  
(non-U.S. corporation)  
Goodman Fielder Ingredients Limited, New South Wales, AUSTRALIA  
(non-U.S. corporation)  
PI US 6348452 B1 20020219  
WO 9734591 19970925  
AI US 1999-155116 19990129 (9)  
WO 1997-AU174 19970320  
19990129 PCT 371 date  
PRAI AU 1996-8810 19960320  
AU 1996-8811 19960320  
AU 1996-8812 19960320  
AU 1996-8814 19960320  
DT Utility  
FS GRANTED  
LN.CNT 857  
INCL INCLM: 514/060.000  
INCLS: 424/093.400  
NCL NCLM: 514/060.000  
NCLS: 424/093.400  
IC [7]  
ICM A61K031-715  
IPCI A61K0031-715 [ICM,7]  
IPCR A23L0001-0522 [I,C\*]; A23L0001-0522 [I,A]; A61K0009-16 [I,C\*];  
A61K0009-16 [I,A]; A61K0031-00 [I,C\*]; A61K0031-00 [I,A];  
A61K0031-185 [I,C\*]; A61K0031-19 [I,A]; A61K0031-715 [I,C\*];  
A61K0031-715 [I,A]; A61K0031-716 [I,C\*]; A61K0031-716 [I,A];  
A61K0031-718 [I,A]; A61K0035-66 [I,C\*]; A61K0035-74 [I,A];  
A61P0001-00 [I,C\*]; A61P0001-00 [I,A]  
EXF 514/60; 424/93.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 14 OF 20 USPATFULL on STN

Full Text

AN 2001:102397 USPATFULL  
TI Multilayer tablet  
IN Fusca, Martino, Nackenheim, Germany, Federal Republic of  
Farber, Dagmar, Heppenheim, Germany, Federal Republic of  
PA Merck Patent GmbH, Darmstadt, Germany, Federal Republic of (non-U.S.  
corporation)  
PI US 6254886 B1 20010703  
AI US 1998-151733 19980911 (9)  
PRAI EP 1997-122492 19971219  
DT Utility  
FS GRANTED  
LN.CNT 397



INCL INCLM: 424/464.000  
 INCLS: 424/472.000; 435/252.100; 435/252.900; 435/255.200  
 NCL NCLM: 424/464.000  
 NCLS: 424/472.000; 435/252.100; 435/252.900; 435/255.200  
 IC [7]  
 ICM A61K009-20  
 ICS A61K009-24; C12N001-20; C12N001-16  
 IPCI A61K009-20 [ICM,7]; A61K009-24 [ICS,7]; C12N001-20 [ICS,7];  
 C12N001-16 [ICS,7]  
 IPCR A23L0001-30 [I,C\*]; A23L0001-30 [I,A]; A23L0001-00 [I,C\*];  
 A23L0001-00 [I,A]; A23L0001-03 [I,C\*]; A23L0001-03 [I,A];  
 A23L0001-302 [I,C\*]; A23L0001-302 [I,A]; A61K009-20 [I,C\*];  
 A61K009-20 [I,A]; A61K009-24 [I,C\*]; A61K009-24 [I,A];  
 A61K009-28 [I,C\*]; A61K0035-02 [N,C\*]; A61K0035-10 [N,A];  
 A61K0035-66 [I,C\*]; A61K0035-74 [I,A]; A61P0001-00 [I,C\*];  
 A61P0001-12 [I,A]  
 EXF 424/464; 424/472; 435/252.1; 435/252.9; 435/255.2  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 15 OF 20 USPATFULL ON STN

Full Text

AN 2001:59374 USPATFULL  
 TI Enhancement of microbial colonisation of the gastrointestinal tract  
 IN Brown, Ian L., Tamworth, Australia  
 Conway, Patricia Lynne, La Perouse, Australia  
 Topping, David Lloyd, Glenelg North, Australia  
 Wang, Xin, Randwick, Australia  
 PA The University of New South Wales, Kensington, Australia (non-U.S.  
 corporation)  
 Burns Philip & Company Limited, Sydney, Australia (non-U.S. corporation)  
 Burns Philip Research & Development PTY LTD, Sydney, Australia (non-U.S.  
 corporation)  
 The Commonwealth of Australia Commonwealth Scientific and Industrial  
 Research Organization, Campbell, Australia (non-U.S. government)  
 Arnott's Biscuits Limited, Homebush, Australia (non-U.S. corporation)  
 Gist-Brocades Australia PTY Limited, Moorebank, Australia (non-U.S.  
 corporation)  
 Goodman Fielder Ingredients Limited, Gladesville, Australia (non-U.S.  
 corporation)  
 PI US 6221350 B1 20010424  
 WO 9734615 19970925  
 AI US 1999-155117 19990412 (9)  
 WO 1997-AU176 19970320  
 19990412 PCI 371 date  
 19990412 PCI 102(e) date  
 PRAI AU 1996-8813 19960320  
 DT Utility  
 FS Granted  
 LN.CNT 401  
 INCL INCLM: 424/093.300  
 INCLS: 424/093.400; 424/093.450; 574/023.000; 574/024.000; 574/025.000  
 NCL NCLM: 424/093.300  
 NCLS: 424/093.400; 424/093.450; 574/023.000; 574/024.000; 574/025.000  
 IC [7]  
 ICM A01N063-00  
 IPCI A01N0063-00 [ICM,7]  
 IPCR A23L0001-03 [I,A]; A23L0001-03 [I,C\*]; A23L0001-052 [I,C\*];  
 A23L0001-0522 [I,A]; A23L0001-0528 [I,A];  
 A61K0035-66 [I,C\*]; A61K0035-74 [I,A]; A61K0047-36 [I,A];  
 A61K0047-36 [I,C\*]  
 EXF 424/93.3; 424/93.4; 424/93.45; 574/23; 574/24; 574/25  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 16 OF 20 USPATFULL ON STN

Full Text

AN 2000:57346 USPATFULL  
 TI Probiotic compositions  
 IN Brown, Ian L., Tamworth, Australia  
 McNaught, Kenneth J., Cottage Point, Australia  
 Ganly, Robert N., Kew, Australia  
 Conway, Patricia Lynne, La Perouse, Australia  
 Evans, Anthony John, Pennant Hills, Australia

Topping, David Lloyd, Glenelg North, Australia  
Wang, Xin, Randwick, Australia  
PA The University of New South Wales, Kensington, Australia (non-U.S. corporation)  
Burns Philp & Company Limited, Sydney, Australia (non-U.S. corporation)  
Burns Philp Research & Development PTY Limited, Sydney, Australia (non-U.S. corporation)  
Gist-Brocades Australia PTY Limited, Moorebank, Australia (non-U.S. corporation)  
Commonwealth Scientific and Industrial Research Organisation, Victoria, Australia (non-U.S. corporation)  
Arnott's Biscuits Limited, Homebush, Australia (non-U.S. corporation)  
Goodman Fielder Ingredients Limited, Gladesville, Australia (non-U.S. corporation)  
Goodman Fielder Limited, Sydney, Australia (non-U.S. corporation)  
PI US 6060050 20000509  
WO 9608261 19960321  
AI US 1997-793892 19970617 (8)  
WO 1995-AU613 19950918  
19970617 PCI 371 date  
19970617 PCI 102(e) date  
PRAI AU 1994-8230 19940916  
DT Utility  
FS Granted  
LN.CNT 740  
INCL INCLM: 424/093.300  
INCLS: 424/093.400; 424/093.450  
NCL NCLM: 424/093.300  
NCLS: 424/093.400; 424/093.450  
IC [7]  
ICM A01N063-00  
IPCI A01N0603-00 [ICM,7]  
IPCR C12N0011-00 [I,C\*]; C12N0011-10 [I,A]; A23K0001-00 [I,C\*];  
A23K0001-00 [I,A]; A23L0001-03 [I,C\*]; A23L0001-03 [I,A];  
A23L0001-05 [I,C\*]; A23L0001-05 [I,A]; A23L0001-0522 [I,C\*];  
A23L0001-0522 [I,A]; A23L0001-09 [I,C\*]; A23L0001-09 [I,A];  
A23L0001-30 [I,C\*]; A23L0001-30 [I,A]; A61K0035-66 [I,C\*];  
A61K0035-66 [I,A]; A61K0035-74 [I,A]; A61K0036-06 [I,C\*];  
A61K0036-06 [I,A]; A61K0036-064 [I,A]; A61K0036-88 [I,C\*];  
A61K0036-89 [I,A]; A61K0047-00 [I,C\*]; A61K0047-00 [I,A];  
A61K0047-36 [I,C\*]; A61K0047-36 [I,A]; A61P0003-00 [I,C\*];  
A61P0003-00 [I,A]; A61P0003-02 [I,A]  
EXF 424/93.3; 424/93.4; 424/93.45  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L12 ANSWER 17 OF 20 USPATFULL on STN

# Full Text

AN 1999:30417 USPATFULL  
TI Composition and process useful for reducing the fat caloric content of foodstuffs containing fats and oils  
IN King Solis, Luis Roberto, Quito, Ecuador  
Kistler Hahn, Laurenz Anton, Quito, Ecuador  
PA Nestec S.A., Vevey, Switzerland (non-U.S. corporation)  
PI US 5879729 19990309  
AI US 1997-871411 19970609 (8)  
RLI Continuation of Ser. No. US 1994-366947, filed on 29 Dec 1994, now abandoned  
PRAI EP 1994-100410 19940113  
DT Utility  
FS Granted  
LN.CNT 512  
INCL INCLM: 426/028.000  
INCLS: 426/018.000; 426/020.000; 426/021.000; 426/031.000; 426/049.000;  
426/052.000  
NCL NCLM: 426/028.000  
NCLS: 426/018.000; 426/020.000; 426/021.000; 426/031.000; 426/049.000;  
426/052.000  
IC [6]  
ICM A23L001-12  
ICS A23L001-48  
IPCI A23L0001-12 [ICM,6]; A23L0001-48 [ICS,6]  
IPCR A23C0019-00 [I,C\*]; A23C0019-076 [I,A]; A23C0019-082 [I,A];

A23C0019-093 [I,A]; A23L0001-105 [I,C\*]; A23L0001-105 [I,A];  
A23L0001-24 [I,C\*]; A23L0001-24 [I,A]; A23L0001-39 [I,C\*];  
A23L0001-39 [I,A]

EXF 426/18; 426/20; 426/21; 426/31; 426/49; 426/52; 426/28

L12 ANSWER 18 OF 20 USPATFULL on STN  
Full Text

AN 1998:14475 USPATFULL  
TI Dietary and pharmaceutical compositions containing lyophilized lactic  
bacteria, their preparation and use  
IN Cavaliere Vesely, Renata Maria Anna, Via S.Orsola, 11, Milan, Italy  
De Simone, Claudio, Via Nuoro, 10, Ardea (Rome), Italy  
PA Cavaliere Vesely, Renata Maria Anna, Milan, Italy (non-U.S. individual)  
De Simone, Claudio, Ardea, Italy (non-U.S. individual)  
PI US 5716615 19980210  
AI US 1995-448787 19950524 (8)  
RLI Continuation of Ser. No. US 1993-117751, filed on 8 Sep 1993, now  
abandoned which is a continuation-in-part of Ser. No. US 1992-983839,  
filed on 1 Dec 1992, now abandoned  
PRAI IT 1992-UMI256 19920210  
DT Utility  
FS Granted  
LN.CNT 772  
INCL INCLM: 424/093.400  
INCLS: 424/093.440; 424/093.450; 426/061.000; 435/252.400; 435/252.900;  
435/253.400; 435/260.000  
NCL NCLM: 424/093.400  
NCLS: 424/093.440; 424/093.450; 426/061.000; 435/252.400; 435/252.900;  
435/253.400; 435/260.000  
IC [6]  
ICM A61K038-44  
ICS C12N001-20; C12N001-04  
IPCI A61K0038-44 [ICM,6]; A61K0038-43 [ICM,6,C\*]; C12N0001-20 [ICS,6];  
C12N0001-04 [ICS,6]  
IPCR A23L0001-03 [I,C\*]; A23L0001-03 [I,A]; A61K0035-66 [I,C\*];  
A61K0035-74 [I,A]  
EXF 424/93.44; 424/93.45; 424/93.4; 426/61; 435/252.4; 435/260; 435/856;  
435/885; 435/252.9; 435/253.4

L12 ANSWER 19 OF 20 USPATFULL on STN  
Full Text

AN 83:32933 USPATFULL  
TI Bifidobacterium-containing confectionery tablets and process for  
preparing the same  
IN Adachi, Takashi, Yokohama, Japan  
Ooki, Takeo, Chiba, Japan  
Hayashi, Takahiko, Sagami-hara, Japan  
Yoshida, Kazuo, Yokohama, Japan  
PA Meiji Seika Kaisha Ltd., Tokyo, Japan (non-U.S. corporation)  
PI US 4396631 19830802  
AI US 1981-241514 19810309 (6)  
PRAI JP 1980-45245 19800408  
DT Utility  
FS Granted  
LN.CNT 318  
INCL INCLM: 426/061.000  
INCLS: 426/071.000; 426/801.000; 426/454.000; 426/661.000; 435/253.000;  
435/822.000; 424/093.000; 424/094.000  
NCL NCLM: 426/061.000  
NCLS: 426/071.000; 426/454.000; 426/661.000; 426/801.000; 435/822.000  
IC [3]  
ICM A23G003-00  
ICS C12R001-01  
IPCI A23G0003-00 [ICM,3]; C12R0001-01 [ICS,3]  
IPCR A23G0003-34 [I,C\*]; A23G0003-34 [I,A]; A23G0003-00 [I,C\*];  
A23G0003-00 [I,A]; A23G0003-36 [I,A]; A61K0009-00 [I,C\*];  
A61K0009-00 [I,A]; A61K0035-66 [I,C\*]; A61K0035-74 [I,A]  
EXF 426/801; 426/61; 426/71; 426/454; 426/661; 424/93; 424/94; 435/253;  
435/822

L12 ANSWER 20 OF 20 USPATFULL on STN  
Full Text

AN 81:60258 USPATFULL  
 TI Production of foods and drinks containing bifidobacteria  
 IN Mutai, Masahiko, Higashi Yamato, Japan  
 Mada, Mitsu, Kodaira, Japan  
 Shimada, Kiyohiro, Kunitachi, Japan  
 PA Kabushiki Kaisha Yakult Honsha, Tokyo, Japan (non-U.S. corporation)  
 PI US 4298619 19811103  
 AI US 1980-119774 19800208 (6)  
 PRAI JP 1979-19724 19790223  
 DT Utility  
 FS Granted  
 LN,CNT 413  
 INCL INCLM: 426/043.000  
 INCLS: 426/044.000; 426/061.000; 426/599.000  
 NCL NCLM: 426/043.000  
 NCLS: 426/044.000; 426/061.000; 426/599.000  
 IC [3]  
 ICM A23C009-12  
 ICS A23L002-02  
 IPCI A23C0009-12 [ICM,3]; A23L0002-02 [ICS,3]  
 IPCR A23L0001-48 [I,C\*]; A23L0001-48 [I,A]; A23C0009-12 [I,C\*];  
 A23C0009-123 [I,A]; A23L0001-03 [I,C\*]; A23L0001-03 [I,A];  
 C12N0001-20 [I,C\*]; C12N0001-20 [I,A]  
 EXF 426/34; 426/42; 426/43; 426/44; 426/48; 426/61; 426/599

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L12 ANSWER 18 OF 20 USPATFULL on STN

Full Text

AN 1998:14475 USPATFULL  
 TI Dietary and pharmaceutical compositions containing lyophilized lactic bacteria, their preparation and use  
 IN Cavaliere Vesely, Renata Maria Anna, Via S.Orsola, 11, Milan, Italy  
 De Simone, Claudio, Via Nuoro, 10, Ardea (Rome), Italy  
 PI US 5716615 19980210  
 CLM What is claimed is:  
 . . . 3. The pharmaceutical composition of claim 2, wherein said excipient is selected from the group consisting of maltodextrin, microcrystalline cellulose, **maize starch**, levulose, lactose and dextrose.  
 CLM What is claimed is:  
 . . . further contains from 85% to 5% by weight of one or more lyophilized bacteria selected from the group consisting of **bifidobacteria**, Lactobacillus acidophilus, Lactobacillus delbrueckii sub-species bulgaricus and Streptococcus faecium, wherein the concentration of this bacterium is from 1x10.sup.9 to 1x10.sup.12. . .  
 CLM What is claimed is:  
 5. The pharmaceutical composition of claim 4, wherein said **bifidobacteria** is a mixture of **Bifidobacterium longum**, **Bifidobacterium bifidum** and **Bifidobacterium infantis** is approximately in equal weight distribution.  
 CLM What is claimed is:  
 . . . from 8-10% by weight of lyophilized Lactobacillus delbrueckii sub-species bulgaricus; (f) from 27-30% by weight of a mixture of lyophilized **bifidobacteria**; and (g) from 8-10% by weight of a pharmaceutically acceptable excipient, wherein all amounts are based on the total weight of the composition and said **bifidobacteria** is a mixture of **Bifidobacterium longum**, **Bifidobacterium infantis**, and **Bifidobacterium bifidum**; wherein said excipient is selected from the group consisting of maltodextrin, levulose, microcrystalline cellulose, **maize starch**, lactose, and dextrose; and wherein said Streptococcus thermophilus, said Lactobacillus casei, and said Lactobacillus plantarum are present in said pharmaceutical. . .  
 CLM What is claimed is:  
 13. The method of claim 12, wherein said excipient is selected from the group consisting of maltodextrin, microcrystalline cellulose, **maize starch**, levulose, lactose, and dextrose.  
 CLM What is claimed is:  
 . . . further comprises from 85% to 5% by weight of one or more lyophilized

bacteria selected from the group consisting of **bifidobacteria**, *Lactobacillus acidophilus*, *Lactobacillus delbrueckii* sub-species *bulgaricus* and *Streptococcus faecium*, in a concentration of from 1x10.sup.9 to 1x10.sup.12 bacteria per gram. . .

CLM What is claimed is:  
15. The method of claim 14, wherein said **bifidobacteria** is a mixture of **Bifidobacterium longum**, **Bifidobacterium bifidum** and **Bifidobacterium infantis** in approximately an equal weight distribution.

CLM What is claimed is:  
. . . *Lactobacillus acidophilus*; (e) from 8-10% by weight of lyophilized *Lactobacillus delbrueckii* sub-species *bulgaricus*; (f) from 27-30% by weight of lyophilized **bifidobacteria**; and (g) from 8-10% by weight of an excipient, wherein all amounts are based on the total weight of said composition and said **bifidobacteria** is a mixture 1:1:1 by weight of **Bifidobacterium longum**, **Bifidobacterium infantis**, and **Bifidobacterium bifidum**, and said excipient is selected from the group consisting of maltodextrin, levulose, microcrystalline cellulose, **maize starch**, lactose, and dextrose.

CLM What is claimed is:  
20. The method of claim 19, wherein said excipient is selected from the group consisting of maltodextrin, microcrystalline cellulose, **maize starch**, levulose, lactose, and dextrose.

CLM What is claimed is:  
. . . further comprises from 85% to 5% by weight of one or more lyophilized bacteria selected from the group consisting of **bifidobacteria**, *Lactobacillus acidophilus*, *Lactobacillus delbrueckii* sub-species *bulgaricus*, and *Streptococcus faecium*, in a concentration of from 1x10.sup.9 to 1x10.sup.12 bacteria per gram. . .

CLM What is claimed is:  
22. The method of claim 21, wherein said **bifidobacteria** is a mixture of **Bifidobacterium longum**, **Bifidobacterium bifidum**, and **Bifidobacterium infantis** in approximately an equal weight distribution.

CLM What is claimed is:  
. . . *Lactobacillus acidophilus*; (e) from 8-10% by weight of lyophilized *Lactobacillus delbrueckii* sub-species *bulgaricus*; (f) from 27-30% by weight of lyophilized **bifidobacteria**; and (g) from 8-10% by weight of an excipient, wherein all amounts are based on the total weight of said composition and said **bifidobacteria** is a mixture 1:1:1 by weight of **Bifidobacterium longum**, **Bifidobacterium infantis** and **Bifidobacterium bifidum**, and said excipient is selected from the group consisting of maltodextrin, levulose, microcrystalline cellulose, **maize starch**, lactose, and dextrose.

CLM What is claimed is:  
29. The method of claim 28, wherein said excipient is selected from the group consisting of maltodextrin, microcrystalline cellulose, **maize starch**, levulose, lactose, and dextrose.

CLM What is claimed is:  
. . . further comprises from 85% to 5% by weight of one or more lyophilized bacteria selected from the group consisting of **bifidobacteria**, *Lactobacillus acidophilus*, *Lactobacillus delbrueckii* sub-species *bulgaricus*, and *Streptococcus faecium*, in a concentration of from 1x10.sup.9 to 1x10.sup.12 bacteria per gram. . .

CLM What is claimed is:  
31. The method of claim 30, wherein said **bifidobacteria** is a mixture of **Bifidobacterium longum**, **Bifidobacterium bifidum** and **Bifidobacterium infantis** in approximately an equal weight distribution.

CLM What is claimed is:  
. . . *Lactobacillus acidophilus*; (e) from 8-10% by weight of lyophilized *Lactobacillus delbrueckii* sub-species *bulgaricus*; (f) from 27-30% by weight of lyophilized **bifidobacteria**; and (g) from 8-10% by weight of an excipient, wherein all amounts are based on the total weight of said composition and said **bifidobacteria** is a mixture 1:1:1 by weight of **Bifidobacterium longum**, **Bifidobacterium infantis**, and **Bifidobacterium bifidum**, and said excipient is selected from the group consisting of maltodextrin, levulose, microcrystalline cellulose, **maize starch**, lactose, and dextrose.

L12 ANSWER 19 OF 20 USPATFULL on STN

Full Text

AN 83:32933 USPATFULL

TI Bifidobacterium-containing confectionery tablets and process for preparing the same

IN Adachi, Takashi, Yokohama, Japan  
Ooki, Takeo, Chiba, Japan  
Hayashi, Takahiko, Sagami-hara, Japan  
Yoshida, Kazuo, Yokohama, Japan

PI US 4396631 19830802

CLM What is claimed is:

1. The process for preparing **bifidobacterium**-containing confectionery tablets comprising a basic tablet-compounding material, a freeze-dried **bifidobacterium**, and between 3% and 15% by weight of at least one substance selected from the group consisting of **starch**, **starch** hydrolyzate and protein which contains not more than 4% of water, said process comprising mixing a freeze-dried living **bifidobacterium** powder with a basic compounding material separately prepared in a powdery state and between 3% and 15% by weight of at least one substance selected from the group consisting of **starch**, **starch** hydrolyzate and protein which contains not more than 4% of water, and forming tablets of said powdery mixture.

CLM What is claimed is:

4. The process according to claim 1 or 2, wherein said at least one substance is **starch** selected from the group consisting of **potato starch**, sweet **potato starch** and corn **starch** containing 0.2 to 1.0% of water.

CLM What is claimed is:

5. The process according to claim 1 or 2, wherein said at least one substance is **starch** hydrolyzate selected from the group consisting of dextrin, powdered **starch** syrup and maltose having DE of not more than 35 and containing 0.2 to 1.0% of water.

CLM What is claimed is:

7. The process according to claim 5, wherein said **starch** hydrolyzate is dextrin having DE of 2 to 35.

CLM What is claimed is:

8. The **bifidobacterium**-containing confectionery tablets produced in accordance with the process of claim 1.

L12 ANSWER 20 OF 20 USPATFULL on STN

Full Text

AN 81:60258 USPATFULL

TI Production of foods and drinks containing bifidobacteria

IN Mutai, Masahiko, Higashi Yamato, Japan  
Mada, Mitsuo, Kodaira, Japan  
Shimada, Kiyohiro, Kunitachi, Japan

PI US 4298619 19811103

CLM What is claimed is:

1. A method of producing foods and drinks containing **bifidobacteria** by inoculating and cultivating **bifidobacteria** or a mixture of **bifidobacteria** and lactic acid bacteria in a medium consisting essentially of 10 to 20 percent by weight  $\alpha$ -**starch**-transformed **rice**, which **rice** has been transformed by cooking, and **bifidobacteria**-fermentable sugars in an amount of 1-5 percent of the total weight of the medium to produce a **bifidobacteria**-containing medium having a **bifidobacteria** cell count of at least  $10^{10}$  cells/ml., and preparing a food or drink from said **bifidobacteria**-containing medium.

CLM What is claimed is:

2. A method according to claim 1, in which the medium contains two species or more of viable **bifidobacteria**.

CLM What is claimed is:

4. A method according to claim 1 wherein sweetening materials, fruit juices or spices are added to the **bifidobacteria**-containing medium.

CLM What is claimed is:

5. A method according to claim 1 wherein said **bifidobacteria**-fermentable sugar is at least one selected from the group consisting of glucose, lactose, fructose, galactose and mixtures thereof.

CLM    What is claimed is:  
6. A method according to claim 1 wherein the **bifidobacteria**-containing medium is dried to produce a dried product.

CLM    What is claimed is:  
9. A food or drink prepared from the **bifidobacteria**-containing medium produced by the method of claim 1, 2, 3, 4, 5, 6, 7, or 8.

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION

FULL ESTIMATED COST

30.15	148.46
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION

CA SUBSCRIBER PRICE

0.00	-3.00
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STN INTERNATIONAL LOGOFF AT 15:44:43 ON 20 OCT 2008